marantz

Model DV6200 User Guide

DVD Player







Safety Precautions



NO USER SERVICEABLE PARTS INSIDE. REFER

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).

SERVICING TO QUALIFIED SERVICE PERSONNEL



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE. **CAUTION:**

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

ATTENTION:

POUR EVITER LES CHOCS ELECTRIQUE, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRE-SPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOUD.

This Digital Video Disc Player employs a Laser System.

To ensure proper use of this product, please read this owner's manual carefully and retain for future reference, should the unit

require maintenance, contact an authorized service location-see service procedure.
Use of controls, adjustments or the performance of procedures other than those specified may result herein hazardous radiation exposure.
To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when open the enclosure. DO NOT STARE INTO BEAM.

FCC NOTICE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equip-

ment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

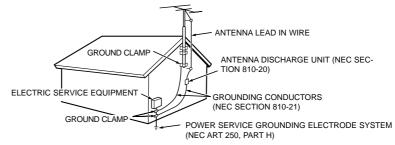
FCC WARNING:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

INDUSTRY CANADA REQUIREMENT:

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations. Cet appareil numéruque de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

FIGURE 1 EXAMPLE OF ANTENNA GROUNDING ACCORDING TO NATIONAL ELECTRICAL CODE INSTRUCTIONS CONTAINED IN ARTICLE 810 - "RADIO AND TELEVISION EQUIPMENT"



NOTE TO CATV SYSTEM INSTALLER:

This reminder is provided to call the CATV (Cable-TV) system installer's attention to Article 820-40 of the NEC, that provides guidelines for proper grounding and, in particular, specified that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION:

PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS IN THIS OWNER'S MANUAL AND THOSE MARKED ON THE UNIT. RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing.

This unit is fully transistorized and does not contain any parts that can be repaired by the user.

DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

1. Read owner's manual

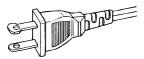
After unpacking this product, read the owner's manual carefully, and follow all the operating and other instructions.

2. Power Sources

This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

3. Grounding or Polarization

This product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.



AC POLARIZED PLUG

4. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

5. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

6. Water and Moisture

Do not use this product near water-for example, near a bath tub, wash bowl, kitchen sink. or laundry tub; in a wet basement; or near a swimming pool and the like.

7. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

8. Power-Cord Protection

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, playing particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

9. Overloading

Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

10. Lightning

For added protection of this product during storms, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

11. Object and Liquid Entry

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

12. Attachments

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

TANT SAFETY INSTRUCTIONS (Cont'd

13. Accessories

Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table



recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.

14. Disc Tray

Keep your fingers well clear of the disc tray as it is closing. It may cause serious personal injury.

15. Burden

Do not place a heavy object on or step on the product. The object may fall, causing serious personal injury and serious damage to the product.

16. Connecting

When you connect the product to other equipment, turn off the power and unplug all of the equipment from the wall outlet. Failure to do so may cause an electric shock and serious personal injury. Read the owner's manual of the other equipment carefully and follow the instructions when making any connections.

17. Sound Volume

Reduce the volume to the minimum level before you turn on the product. Otherwise, sudden high volume sound may cause hearing or speaker damage.

18. Sound Distortion

Do not allow the product to output distorted sound for a longtime. It may cause speaker overheating and fire.

19. Headphones

When you use the headphones, keep the volume at a moderate level. If you use the headphones continuously with high volume sound, it may cause hearing damage.

20. Laser Beam

Do not look into the opening of the disc tray or ventilation opening of the product to see the source of the laser beam. It may cause sight damage.

21. Disc

Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and product malfunction.

22. Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a) When the power-supply cord or plug is damaged.
- b) If liquid has been spilled, or objects have fallen into the product.
- c) If the product has been exposed to rain or water.
- d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- If the product has been dropped or damaged in any way.
- When the product exhibits a distinct change in performance-this indicates a need for service.

23. Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

24. Replacement parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

25. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

Table of Contents

In	troduction	0	peration Using GUI Menu Icons
	Safety Precautions2		· -
	IMPORTANT SAFETY INSTRUCTIONS 3-4		Detailed Description of each GUI Menu Icon 24
	Table of Contents5		
	Precautions	Α	dvanced Operation
	Notes on Discs		Using a Title Menu25
	Identification of Controls 8-11		Using a DVD Menu
	Front Panel/Display Window 8		Changing Subtitle Language26
	Rear Panel		Changing Audio Soundtrack Language26
	Remote Control10		Viewing from another Angle 27
	Preparing the Remote Control		Producing a 3D Surround Effect27
	Operating with the Remote Control		Repeat Play
			Storing Markers in Memory to be Viewed
C	onnections		(Listened to) again
	Connecting to a TV		Zoom Feature
	Connecting to a TV equipped with component		Random Play30
	video inputs		Program Play31
	Connecting to an Audio System		Playback with MP3 32-33
	Connecting to Optional Audio System 15-17		
	Enjoying Dolby Digital Sound	In	itial Settings
	Enjoying Dolby Digital Sound	In -	itial Settings Selection of Initial Settings
		In	
	Enjoying Dolby Pro Logic Surround Sound16		Selection of Initial Settings
	Enjoying Dolby Pro Logic Surround Sound	0	Selection of Initial Settings
В	Enjoying Dolby Pro Logic Surround Sound	<u> </u>	Selection of Initial Settings
В	Enjoying Dolby Pro Logic Surround Sound	0 0 0	Selection of Initial Settings34Selecting Disc Languages35Selecting Rating Level and Password36-37Selecting TV Aspect38Selecting Menu Language39Setting Remote Control Codes39
В	Enjoying Dolby Pro Logic Surround Sound		Selection of Initial Settings34Selecting Disc Languages35Selecting Rating Level and Password36-37Selecting TV Aspect38Selecting Menu Language39Setting Remote Control Codes39Selecting Progressive Scan40
В	Enjoying Dolby Pro Logic Surround Sound		Selection of Initial Settings34Selecting Disc Languages35Selecting Rating Level and Password36-37Selecting TV Aspect38Selecting Menu Language39Setting Remote Control Codes39Selecting Progressive Scan40Selecting Digital Audio Output41
В	Enjoying Dolby Pro Logic Surround Sound		Selection of Initial Settings34Selecting Disc Languages35Selecting Rating Level and Password36-37Selecting TV Aspect38Selecting Menu Language39Setting Remote Control Codes39Selecting Progressive Scan40
В	Enjoying Dolby Pro Logic Surround Sound		Selection of Initial Settings34Selecting Disc Languages35Selecting Rating Level and Password36-37Selecting TV Aspect38Selecting Menu Language39Setting Remote Control Codes39Selecting Progressive Scan40Selecting Digital Audio Output41
Ba	Enjoying Dolby Pro Logic Surround Sound 16 Enjoying 2 Channel Digital Stereo Sound 17 Enjoying DTS Sound 17 asic Operation 18-20 Basic Playback 18-20 Stopping Play 20 Resume Play 20 Last Scene Memory 20 Screen Saver 20 Dimmer Function 20		Selection of Initial Settings34Selecting Disc Languages35Selecting Rating Level and Password36-37Selecting TV Aspect38Selecting Menu Language39Setting Remote Control Codes39Selecting Progressive Scan40Selecting Digital Audio Output41Others42Table of Languages and Their Abbreviations43
Ba	Enjoying Dolby Pro Logic Surround Sound		Selection of Initial Settings
Ba	Enjoying Dolby Pro Logic Surround Sound		Selection of Initial Settings
Ba	Enjoying Dolby Pro Logic Surround Sound 16 Enjoying 2 Channel Digital Stereo Sound 17 Enjoying DTS Sound 17 asic Operation 18-20 Basic Playback 18-20 Stopping Play 20 Resume Play 20 Last Scene Memory 20 Screen Saver 20 Dimmer Function 20 Special Playback 21-22 Still Picture 21 Frame Advance 21		Selection of Initial Settings 34 Selecting Disc Languages 35 Selecting Rating Level and Password 36-37 Selecting TV Aspect 38 Selecting Menu Language 39 Setting Remote Control Codes 39 Selecting Progressive Scan 40 Selecting Digital Audio Output 41 Others 42 Table of Languages and Their Abbreviations 43 eference Disc Requirements/Copyright Information 44 Before Calling Service Personnel 45
Ba	Enjoying Dolby Pro Logic Surround Sound	0 0 0 0 0 0	Selection of Initial Settings
Ba	Enjoying Dolby Pro Logic Surround Sound 16 Enjoying 2 Channel Digital Stereo Sound 17 Enjoying DTS Sound 17 asic Operation 18-20 Basic Playback 18-20 Stopping Play 20 Resume Play 20 Last Scene Memory 20 Screen Saver 20 Dimmer Function 20 Special Playback 21-22 Still Picture 21 Frame Advance 21 Skipping Chapters and Tracks Forward or Back 21 How to Set the Video Mode 21	0 0 0 0 0 0 0 0 0	Selection of Initial Settings 34 Selecting Disc Languages 35 Selecting Rating Level and Password 36-37 Selecting TV Aspect 38 Selecting Menu Language 39 Setting Remote Control Codes 39 Selecting Progressive Scan 40 Selecting Digital Audio Output 41 Others 42 Table of Languages and Their Abbreviations 43 eference Disc Requirements/Copyright Information 44 Before Calling Service Personnel 45
Ba	Enjoying Dolby Pro Logic Surround Sound	0 0 0 0 0 0 0 0 0	Selection of Initial Settings 34 Selecting Disc Languages 35 Selecting Rating Level and Password 36-37 Selecting TV Aspect 38 Selecting Menu Language 39 Setting Remote Control Codes 39 Selecting Progressive Scan 40 Selecting Digital Audio Output 41 Others 42 Table of Languages and Their Abbreviations 43 eference Disc Requirements/Copyright Information 44 Before Calling Service Personnel 45

Precautions

Notes on handling

- When shipping the DVD player, always use the original shipping carton and packing materials. For maximum protection, repack the unit as it was originally packed at the factory.
- Do not use volatile liquids, such as insect spray, near the DVD player. Do not leave rubber or plastic products in contact with the DVD player for a long time. They will leave marks on the finish.
- ☐ The top and rear panels of the DVD player may become warm after a long period of use. This is normal and not a malfunction.
- When the DVD player is not in use, be sure to remove the disc and turn off the power.
- If you do not use the DVD player for a long period, the unit may not function properly in the future. Turn on and use the DVD player occasionally.

Notes on Locating

When you place this DVD player near a TV, radio, or VCR, the playback picture may become poor and the sound may be distorted. In this case, move the DVD player away from the TV, radio, or VCR.

Notes on Cleaning

Use a soft, dry cloth for cleaning.

- □ For stubborn dirt, soak the cloth in a weak detergent solution, wring well and wipe. Use a dry cloth to wipe it dry. Do not use any type of solvent, such as thinner and benzine, as they may damage the surface of the DVD player.
- ☐ If you use a chemical saturated cloth to clean the unit, follow that product's instructions.

Warning: Cleaning and adjustment of lenses and/or other components of playback mechanism should be performed by a qualified service technician.

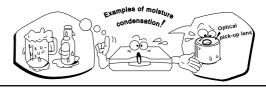
To Obtain a Clear Picture

The DVD player is a high technology, precision device. If the optical pick-up lens and disc drive parts are dirty or worn down, the picture quality becomes poor. To obtain a clear picture, we recommend regular inspection and maintenance (cleaning or parts replacement) every 1,000 hours of use depending on the operating environment. For details, contact your nearest dealer.

Notes on Moisture Condensation

Moisture condensation damages the DVD player. Please read the following carefully.

Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most crucial internal parts of the DVD player.



Moisture condensation occurs during the following cases.

- When you bring the DVD player directly from a cold place to a warm place.
- When you use the DVD player in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- ☐ In summer, when you use the DVD player in a hot and humid place just after you move the unit from an air conditioned room.
- ☐ When you use the DVD player in a humid place.



 Do not use the DVD player when moisture condensation may occur.

If you use the DVD player in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the DVD player to the wall outlet, turn on the DVD player and leave it "ON" for two or three hours. After two or three hours, the DVD player will have warmed up and evaporated any moisture. Keep the DVD player connected to the wall outlet and moisture condensation will seldom occur.



Notes on Discs

This section shows you how to handle, clean, and store discs.

On Handling Discs

O Do not touch the playback side of the disc.



Do not attach paper or tape to discs.

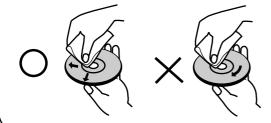


On Storing Discs

- Do not store discs in a place subject to direct sunlight or near heat sources.
- Do not store discs in places subject to moisture and dust such as a bathroom or near a humidifier.
- Store discs vertically in a case. Stacking or placing objects on discs outside of their case may cause warping.

On Cleaning Discs

- Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the center outward with a soft cloth. Always keep the disc clean.
- If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
- Do not use any type of solvents such as thinner, benzine, commercially available cleaners or anti-static spray for vinyl LPs. They may damage the disc.

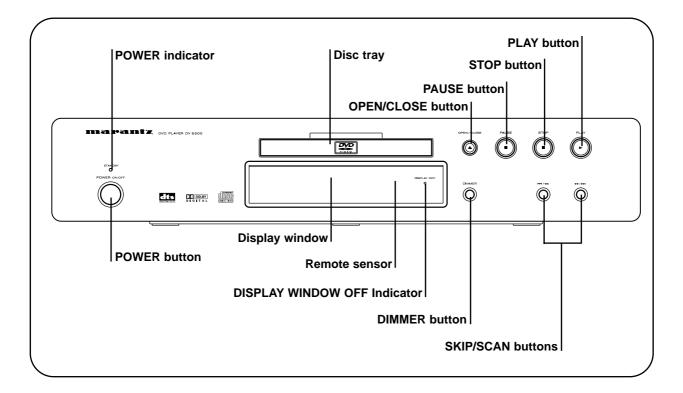


About This Owner's Manual

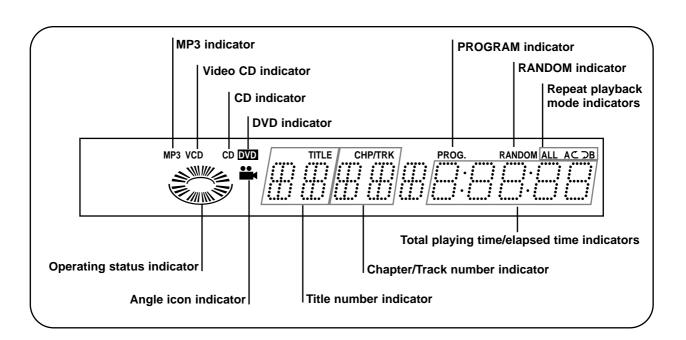
- This owner's manual explains the basic instructions of this DVD player.
- O Some DVD video discs have functions that may not be explained in this owner's manual. Therefore, some instructions may differ from this owner's manual, and there may be extra instructions. In this case, follow the instructions displayed on the TV screen or package.
- " may appear on the TV screen during operation. This icon means the function explained in this owner's manual is not available on that specific DVD video disc.

Identification of Controls

Front Panel

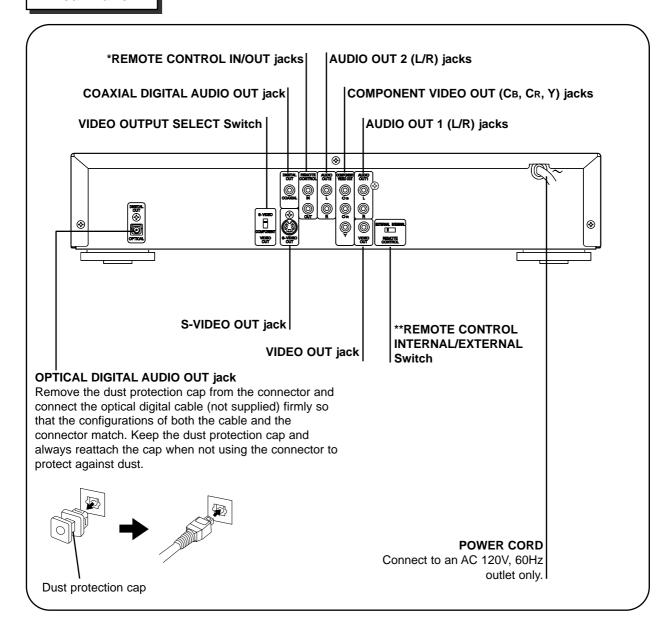


Display Window



Identification of Controls (Cont'd)

Rear Panel



*REMOTE CONTROL IN/OUT jacks

By connecting this DVD player to another Marantz audio component using a supplied System Control cable, you can remotely operate the components as a single system.

- When connecting to component with a remote sensor (such as the SR-14, SR-18, SR-19), be sure to connect the "REMOTE CONTROL IN" jack of this DVD player to the "REMOTE CONTROL OUT" jack of the component with the remote sensor.
- When connecting to component which is not equipped with a remote sensor, be sure to connect the component to the "REMOTE CONTROL OUT" jack of this DVD player.

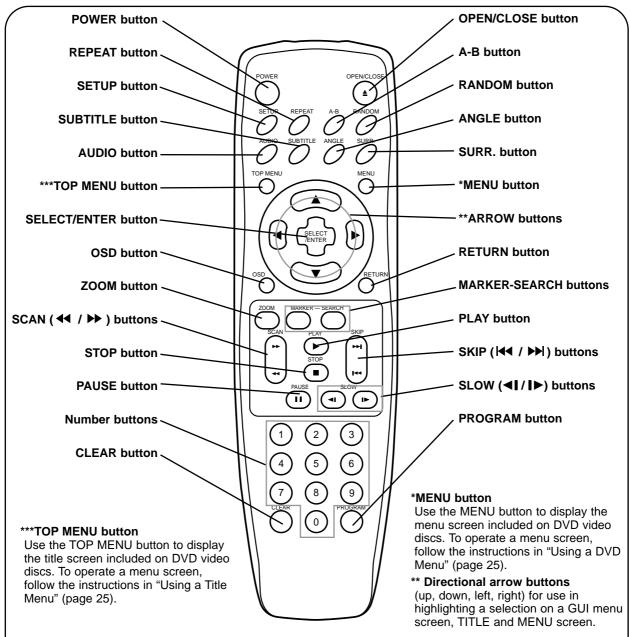
**Remote switch

• When using this DVD player independently, set this switch to "INTERNAL". When using this DVD player in a system with a Marantz tuner or timer equipped with a remote sensor, set the switch to "EXTERNAL".

Identification of Controls (Cont'd)

REMOTE CONTROL

You will find instructions for each of the remote control functions in the appropriate sections of this instruction manual.



- This remote control supports two remote control codes: C1 and C2.
- When the unit is shipped from the factory, the remote control is set to C1.
- To set the remote control to C2, hold down both the STOP button and "2" number button on the remote control for at least five seconds. (If the batteries in the remote control are replaced while the remote control is set to C2, the setting will revert C1.)
- To set the remote control back to C1, hold down both the STOP button and "1" number button on the remote control for at least five seconds.
- Also set the remote control codes of the player to the same setting as the remote control. (This setting is set to C1, when the unit is shipped from the factory.)

Identification of Controls (Cont'd)

Preparing the Remote Control

Insert the batteries into the remote control so you can use it to operate the DVD player.

Open the battery cover.





Insert batteries (AAA size).



 Make sure to match the + and - on the batteries to the marks inside the battery compartment.



Close the cover.



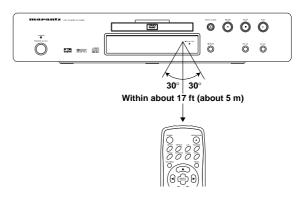
Notes on batteries

- Improper use of batteries may cause battery leakage and corrosion.
- To operate the remote control correctly, follow the instructions.
- Do not insert the batteries into the remote control in the wrong direction.
- Do not charge, heat, open, or short-circuit the batteries.
 Do not throw the batteries into fire.
- O Do not leave dead or exhausted batteries in the remote
- Do not use different types of batteries together, or mix old and new batteries.
- If you do not use the remote control for a long period of time, remove the batteries to avoid possible damage from battery corrosion.
- If the remote control does not function correctly or if the operating range becomes reduced, replace all batteries with new ones.
- If battery leakage occurs, wipe the battery liquid from the battery compartment, then insert new batteries.
- The batteries should last about one year with normal use.

Operating with the Remote Control

This section shows you how to use the remote control.

Point the remote control at the remote sensor and press the buttons.



Distance: About 17 ft (5 m) from the front of the remote

sensor

Angle: About 30° in each direction of the front of the

remote sensor

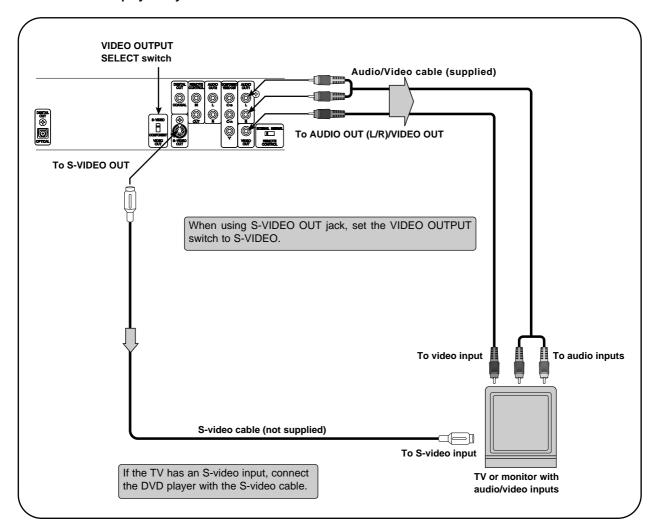
* Do not expose the remote sensor of the DVD player to a strong light source such as direct sunlight or illumination. If you do so, you may not be able to operate the DVD player with the remote control.

Notes on the remote control

- Point the remote control at the remote sensor on the DVD player.
- O Do not drop or give the remote control a shock.
- Do not leave the remote control near an extremely hot or humid place.
- Do not spill water or put anything wet on the remote control
- O Do not disassemble the remote control.

Connecting to a TV

Connect the DVD player to your TV.



Notes

- O Refer to the owner's manual of your TV as well.
- Before you connect the DVD player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- Connect the DVD player to your TV directly. If you connect the DVD player to a VCR, the playback picture will be distorted because DVD video discs are copy protected.

⚠ Warning

Do not set the Digital Audio Output of this DVD player to "Dolby Digital" unless you are connecting the DIGITAL OUT jack of this DVD player to an AV decoder that has the Dolby Digital decoding function. High volume sound may damage your hearing as well as the speakers (Refer to "Selecting Digital Audio Output" on page 41).

Connecting to a TV equipped with component video inputs

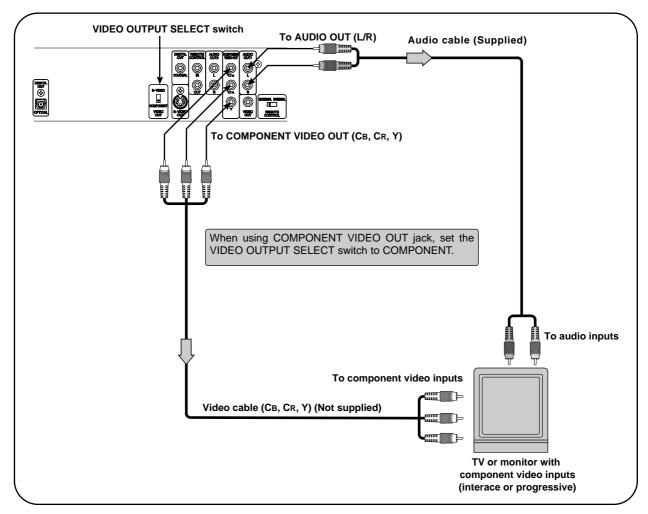
Connect the DVD player to your TV equipped with component video inputs (RCA type).

PROGRESSIVE (ColorStream®Pro): Some TVs or monitors are equipped with component video inputs that are capable of reproducing a progressively scanned video signal. Connecting to these inputs allows you to view the highest quality pictures with less flicker.

INTERACED (ColorStream®): Some TVs or monitors are equipped with component video inputs. Connecting to these inputs allows you to enjoy higher quality picture playback.

■ To switch the output signal (Progressive/Interaced)

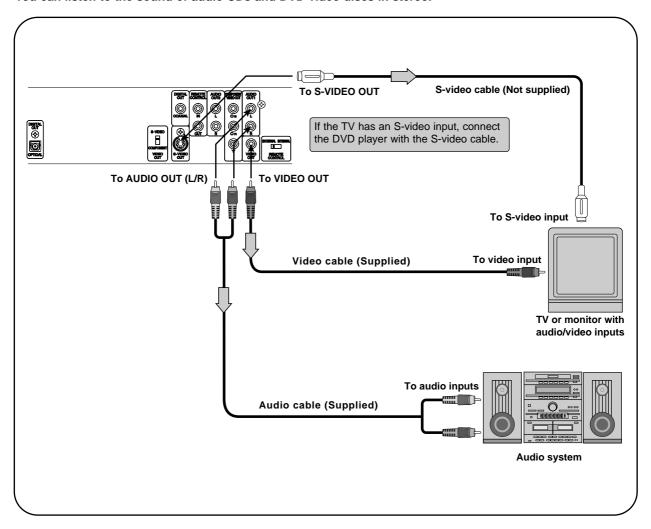
Set the Progressive to "On" on the SETUP menu for Progressive signal, or set the Progressive to "Off" on the SETUP menu for Interaced video signal.



- O Refer to the owner's manual of your TV as well.
- Before you connect the DVD player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- Actual labels for component video inputs may vary depending on the TV manufacturer. (ex. Y, R-Y, B-Y or Y, CB, CR)
- O In some TVs or monitors, the color levels of the playback picture may be reduced slightly or the tint may change. In such a case, adjust the TV or monitor for optimum performance.

Connecting to an Audio System

You can listen to the sound of audio CDs and DVD video discs in stereo.



Notes

- Refer to the owner's manual of your audio system as well.
- Defore you connect the DVD player to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- O If you place the DVD player near a tuner or radio, the radio broadcast sound might be distorted. In this case, move the DVD player away from the tuner and radio.
- The output sound of the DVD player has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, the speakers may be damaged by a sudden high volume sound.
- Turn off the receiver before you connect or disconnect the DVD player's power cord. If you leave the receiver power on, the speakers may be damaged.

⚠ Warning

Do not set the Digital Audio Output of this DVD player to "Dolby Digital" unless you are connecting the DIGITAL OUT jack of this DVD player to an AV decoder that has the Dolby Digital decoding function. High volume sound may damage your hearing as well as the speakers (Refer to "Selecting Digital Audio Output" on page 41).

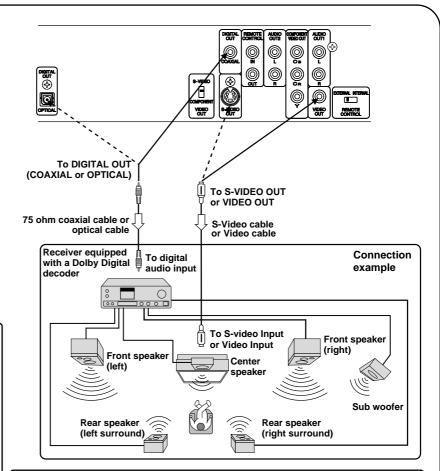
Connecting to Optional Audio System

Enjoying Dolby Digital Sound

You can enjoy the high quality dynamic sound of Dolby Digital, Dolby Pro Logic, and 2 Channel Digital Stereo.

Dolby Digital

Dolby Digital is the surround sound technology used in theatres showing the latest movies, and is now available to reproduce this realistic effect in the home. You can enjoy motion picture and live concert DVD video discs with this dynamic realistic sound by connecting the DVD player to a 6 channel receiver equipped with a Dolby Digital decoder or Dolby Digital processor.



To enjoy Dolby Digital sound from this DVD player you need the following:

- DVD recorded in Dolby Digital
- 6 channel receiver equipped with a Dolby Digital decoder, or Dolby Digital processor and power receiver
- 5 speakers and 1 sub woofer

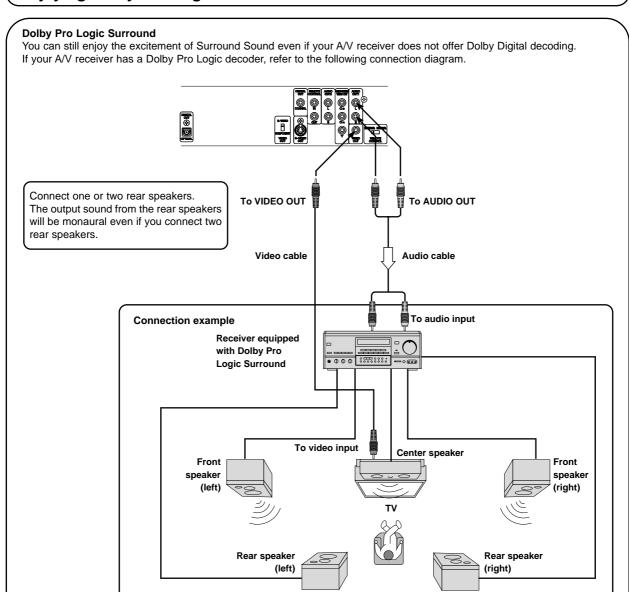
To enjoy Dolby Digital sound You need to select "Dolby Digital" on the SETUP menu. * Manufactured under license from Dolby Laboratories.

"Dolby", "Pro Logic", and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished works. Copyright 1992-1997 Dolby Laboratories. All rights reserved.

- Refer to the owner's manual of your audio equipment as well.
- Before you connect the DVD player to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- O The output sound of the DVD player has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, the speakers may be damaged by a sudden high volume sound.
- Turn off the receiver before you connect or disconnect the DVD player's power cord. If you leave the receiver power on, the speakers may be damaged.

Connecting to Optional Audio System (Cont'd)

Enjoying Dolby Pro Logic Surround Sound



• With a receiver equipped with Dolby Digital

Connect the equipment the same way as described in "Enjoying Dolby Digital Sound" on the previous page. Refer to that receiver's owner's manual and set the receiver so you can enjoy Dolby Pro Logic Surround sound.

⚠ Warning

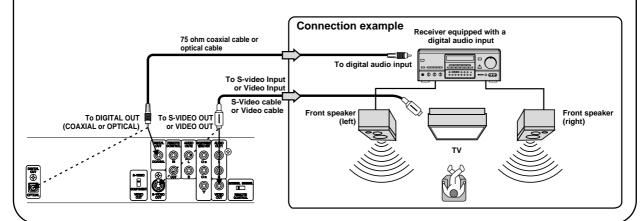
Do not set the Digital Audio Output of this DVD player to "Dolby Digital" unless you are connecting the DIGITAL OUT jack of this DVD player to an AV decoder that has the Dolby Digital decoding function. High volume sound may damage your hearing as well as the speakers (Refer to "Selecting Digital Audio Output" on page 41).

Connecting to Optional Audio System (Cont'd)

Enjoying 2 Channel Digital Stereo Sound

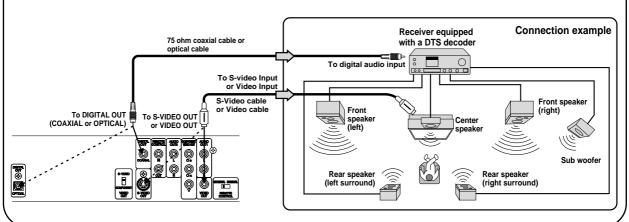
2 Channel Digital Stereo

You can enjoy the dynamic sound of 2 Channel Digital Stereo by connecting this DVD player to a receiver equipped with a digital audio input and speaker system (right and left front speakers).



Enjoying DTS Sound

Introducing DTS Digital Surround™...the finest technology ever invented to transform existing "home theatre" systems into six discrete channels of exceptionally clear, better-than-compact disc, digital audio performance. And DTS Digital Surround is the only 5.1 surround sound format that can deliver this revolutionary 3-dimensional experience through new music recordings on compact discs, original 5.1 soundtracks on motion picture laserdiscs, and soon, a wide variety of products on DVD.



"DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.

- O Refer to the owner's manual of your receiver as well.
- Before you connect the DVD player to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- The output sound of the DVD player has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, the speakers may be damaged by a sudden high volume sound.
- Turn off the receiver before you connect or disconnect the DVD player's power cord. If you leave the receiver power on, the speakers may be damaged.
- O When playing DTS-encoded discs (DVD video discs and audio CDs), excessive noise may be output from the analog stereo jacks. To avoid possible damage to the audio system, you should take proper precautions when the AUDIO OUT jacks of the DVD video player is connnected to an amplification system. To enjoy DTS Digital Surround plaback, an external 5.1 channel DTS Digital Surround decoder system must be connected to the DIGITAL OUT jack of the DVD video player.

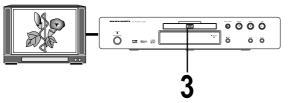
Basic Playback

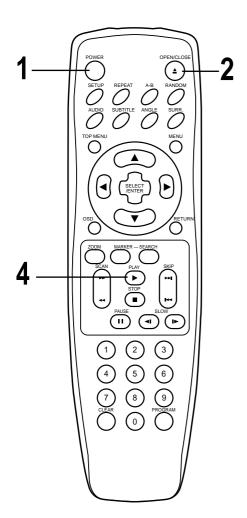






This section shows you the basics on how to play back a DVD video disc.





Preparations

- When you want to play back DVD video discs, turn on the TV and select the video input source connected to the DVD player.
- When you want to enjoy the sound of DVD video discs or audio CDs from the audio system, turn on the audio system and select the input source connected to the DVD player.
- For connection details, see pages 12 through 17.
- Set the playback picture size according to the aspect ratio of the connected TV via the SETUP menu (TV Aspect).
- If you do not have the necessary equipment to enjoy Dolby Digital sound, set the Digital Audio Output (via the SETUP menu) to "PCM".

1

Press POWER.

The DVD player turns on and the power indicator lights.

Press OPEN/CLOSE.

The disc tray opens.

 You can open the disc tray by pressing this button even if the DVD player is in standby mode.

Place a disc on the disc tray with the playback side down.

- There are two different disc sizes. Place the disc in the correct guide on the disc tray. If the disc is out of the guide, it may damage the disc and cause the DVD player to malfunction.
- Do not place anything except 3" discs or 5" discs on the disc tray.



Press PLAY.

The disc tray is automatically closed and playback begins

 If the disc is placed in upside down (and it is a single sided disc), "NO DISC" or "DISC ERROR" appears on the TV screen



Operating status indicator

- If you insert an audio CD, the CD indicator lights up on the display. The title number does not appear.
- After playing back all of the chapters in the title, the DVD player automatically stops and returns to the menu screen.

When a menu screen appears on the TV screen.

In case of interactive DVDs with control, a menu screen appears on the TV screen. Perform step 5 on page 19 to start play.



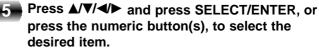
Example of interactive DVD On-Screen Menu

Basic Playback (Cont'd)

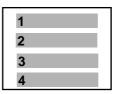




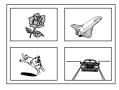




Playback of the selected item begins.



OR



Example of interactive DVD On-Screen Menu

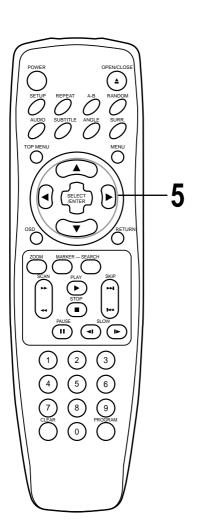
 For further information, refer to the disc jacket of the disc you are playing.

After operation

When the unit is not in use, remove the disc and press POWER to turn off the DVD player.

Notes

- Do not move the DVD player during playback. Doing so may damage the disc and the DVD player.
- O Use the OPEN/CLOSE button on the remote control or DVD player to open and close the disc tray. Do not push the disc tray while it is moving. Doing so may cause the DVD player to malfunction.
- Do not push up the disc tray or put any objects other than discs on the disc tray. Doing so may cause the DVD video player to malfunction.
- O Keep your fingers well clear of the disc tray as it is closing. Be especially careful with children's fingers around the closing disc tray as there is a risk of personal injury.
- O When " \(\infty \)" appears on the TV screen while a button is pressed, it means that this function is not available on the disc you are playing.
- Depending on the DVD disc, some operations may be different or restricted. Refer to the jacket or case of the disc you are playing.



Video CD

This contains recordings of pictures and sound whose

quality is on a par with that of video tape. This player also supports Video CDs with playback control (Version 2.0).

What is playback control (PBC)?

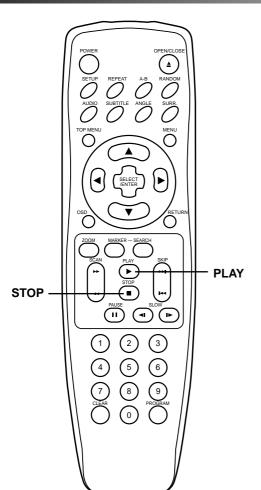
If a Video CD has "playback control" written on its disc or jacket, it means that particular scenes or information can be selected for viewing interactively with the TV monitor using the menu screen.

Basic Playback (Cont'd)









Screen Saver

Stopping Play

Press STOP during playback.

Resume Play

 When play is stopped, the unit records the point where STOP was pressed (RESUME function).
 Press PLAY and play will resume from this point.

Notes

- This operation works only with discs for which the elapsed playing time appears in the DVD display window during stop.
- Resume function will be cleared when the STOP is pressed on the STOP mode.
- The Resume function may not be available on some DVD discs or Video CDs (version 2.0).

Last Scene Memory

This player memorizes last scene for the last disc you have watched. Settings remain in memory even if you remove the disc from the player or switch off the player. If you load a disc that has its settings memorized, Latest Stop Position is automatically recalled.

Notes

- O Settings are stored in memory for use any time.
- O Switching of the audio mode, etc., is automatic on some discs.
- O This player does not memorize if you switch off the player when a DVD or title menu appears on the TV screen.
- O The last scene memory function will be cleared when the STOP is pressed on the STOP mode.
- O It does not work with Video CD (version 2.0).

Screen Saver

The screen saver is useful to prevent your display from becoming damaged.

The screen saver picture appears when you leave the DVD player in stop mode for about 5 minutes.

Automatic power off function

After the Screen Saver has been engaged for about 5 minutes, the DVD player will automatically turn itself off.

Dimmer Function

You can control the Display Window's light in 3 steps. Each you press DIMMER button, the Display Window's light of this unit will be changed in following order.

Normal Light o Dimmer Light o Display Off o Normal Light

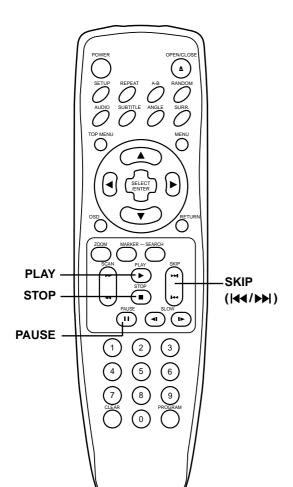
 If you select the Display Off mode, the DISPLAY OFF indicator lights.

Special Playback









Still Picture (Pause)

Press PAUSE during playback.

- DVD/Video CD The player will be placed in the still picture mode.
- The player will be placed in the pause mode.

Frame Advance (DVD and Video CD only)

Press PAUSE during still playback.

(Each time you press PAUSE, the picture advances one

To resume normal playback, press PLAY.

Skipping Chapters and Tracks Forward or Back

Skipping forward

Press SKIP ▶ during playback.

A chapter (DVD) or a track (CD/Video CD) is skipped each time the button is pressed.

Skipping back

Press SKIP I◀ during playback.

 When the button is pressed once midway through a chapter/track, the player returns to the start of that chapter/track. When it is pressed again, a chapter/track is skipped each time the button is pressed.

For your reference:

 When I◀◀ SKIP ▶▶I is pressed during menu play of video CDs equipped with PBC (Version 2.0), a menu screen may sometimes be recalled.

How To Set The Video Mode

- With certain DVD disc, the playback picture is flickering or Dot Crawl is shown on straight lines. That means Vertical interpolation or De-interlace is not perfectly matched with DVD disc. In that case, the picture quality can be improved with changing video mode.
- To change the video mode, press and hold OSD button on the remote control about 3 seconds during playback of DVD disc. Changed video mode number is displayed on the TV screen. Check whether video quality is improved. You can repeat above procedure until desired picture quality appear.
- · Procedure of video mode is changed; $\mathsf{MODE2} \to \mathsf{MODE3} \to \mathsf{MODE4} \to \mathsf{MODE5} \to \mathsf{MODE1}.$
- If you turn off the the power, the video mode will be back to initial state (MODE1).

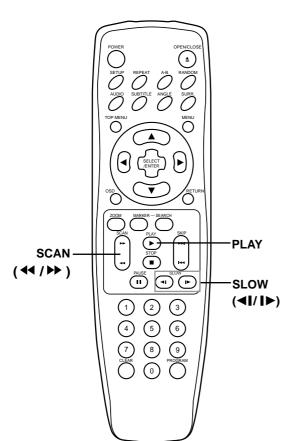
Special Playback (Cont'd)





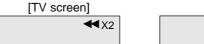


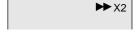
You can play back discs at various speeds.



To Scan at Fast Forward or Fast Reverse Playback.

Press the SCAN ◀ or ▶ button during playback.





- The speed of advance (reverse) is relatively slow at first. When the button is pressed again, the speed becomes faster. (Each time the button is pressed, the speed increases up to 4 steps (DVD) or 3 steps (Video CD/CD).)
- The speed will be retained even after the button is released.

To return to normal playback, press PLAY.

Note

- The DVD player does not play back sound during the high speed reverse and forward playback of DVD video discs. However, the DVD player plays back sound during fast forward or fast reverse playback of audio CDs.
- Subtitles do not appear on the screen during scan playback.

Playing in Slow-Motion (DVD and Video CD only)

Press SLOW **◄I** or **I**▶ during playback.

The playback speed becomes 1/16 of the normal speed. [TV screen]



- The speed of slow-motion is slow at first. When the button is pressed again, the speed becomes faster. (Each time the button is pressed, the speed increase up to 4 steps.)
- The speed will be retained even after the button is released.

To return to normal playback, press PLAY.

- The sound is muted during slow-motion playback.
- The DVD player can not play back Video CDs in reverse slow
- The DVD player can not play back Audio CDs in slow motion.

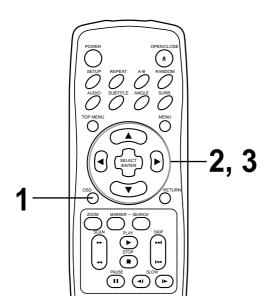
General Information about GUI Menu Icons



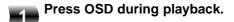




This unit features GUI Menu Icons showing disc information (title/chapter/track number, elapsed playing time, audio/subtitle language, angle, and sound) and player information (repeat play, play mode, marker, etc.). Some icons only show the indicated information. Other icons allow the settings to be changed.



Common procedures



Title function can be accessed from the stop mode.

Press ▲/▼ to select the desired item.

The current selected item is indicated by a yellow frame on its GUI menu icons.

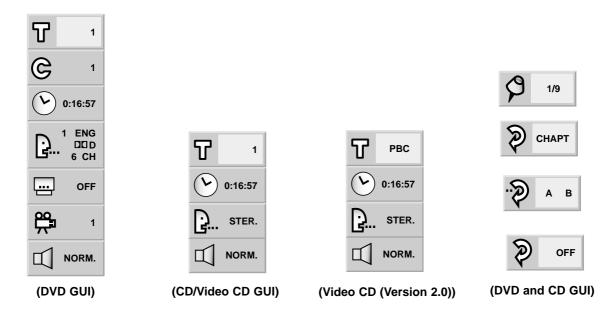
Press **◄** to select the desired setting.

- When numbers are displayed (e.g. title number), the numeric buttons can also be used for setting instead of **◄/►**.
- For some functions, the setting will be registered immediately; for others, SELECT/ENTER must be pressed.

To clear the GUI Menu Icons, press OSD again.

Examples of GUI Menu Icons.

(The screens may differ depending on the disc contents.)



Detailed Description of each GUI Menu Icon







You can view information about a disc and its operational status on the TV screen.

Press OSD during playback.			
	en] DVD (
T	1		To she
G	1		To sho
(V)	0:16:57		To she
<u> </u>	1 ENG DDD 6 CH		To she encod and to
-	OFF		To she
\\ 2	1		To she
	NORM.		To she

FUNCTION (Press ▲/▼ to select desired item)	SELECTION METHOD
To show the current title number and to jump to the desired title number	◄/►, or Numeric SELECT/ENTER
To show the current chapter number and to jump to the desired chapter number	√►, or Numeric SELECT/ENTER SKIP
To show the elapsed time and directly select scenes by the desired time.	Numeric SELECT/ENTER
To show the current audio soundtrack language, encoding method, channel number and to change the settings.	√/> , AUDIO
To show the current subtitles language and to change the setting.	⋖/ ▶, SUBTITLE
To show the current angle number and to change the angle.	√/ ▶, ANGLE
To show the current sound (NORMAL or 3D SURROUND) and to change the setting.	⋖/ ▶, SURR.

Press OSD during playback. [TV screen] CD/Video CD GUI



FUNCTION (Press ▲/▼ to select desired item)	SELECTION METHOD
To show the current track number and to jump to the desired track number	√I►, or Numeric SELECT/ENTER SKIP
To show the elapsed time. (Display only)	
To show the current audio (STEREO, LEFT, RIGHT) and to select to the desired audio channel.	√/ >, AUDIO
To show the current sound (NORMAL or 3D SURROUND) and to change the setting (Audio CD only).	√/> , SURR.

Note

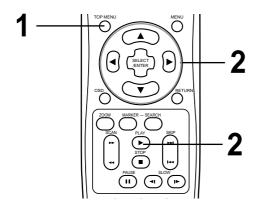
O Some DVD discs may not provide all of the above GUI menu icons.

Using a Title Menu

NIDE OF

Some movie discs may contain two or more titles. If the disc has a title menu recorded on it, the TOP MENU button can be used to select the movie title. (The details of operation differ depending on the disc used.)

 Selecting a title may not be possible on certain DVD discs.



Press TOP MENU.

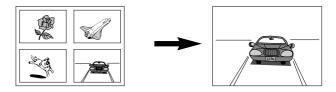
A list of the titles on the disc is displayed.



Pressing TOP MENU again to resume play from the scene when TOP MENU was first pressed.

· Resume play may not be possible on certain discs.

Press ▲/▼/◀/▶ and press SELECT/ENTER or PLAY, or press the numeric button(s), to select desired title.

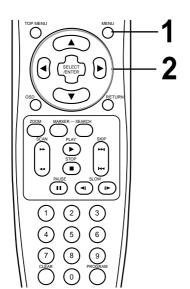


The selected title now starts playing.

Using a DVD Menu

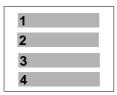


Some DVDs have unique menu structures called DVD menus. For example, DVDs programmed with complex contents provide guide menus, and those recorded with various languages provide menus for audio and subtitle language. Although the DVD menu's contents and operation differ from disc to disc, the following explains the basic operation when this feature is used.



Press MENU during play.

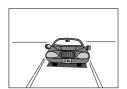
The DVD menu available on the disc is now displayed.



Pressing MENU again resumes play from the scene when MENU was first pressed.

• Resume play may not be possible on certain discs.

Press ▲/▼/◀/▶ and press SELECT/ENTER, or press the numeric button(s), to select desired item.



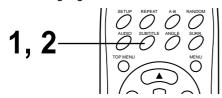
The selected item is now executed.

Changing Subtitle Language

VIDEO

It is possible to change the subtitle language to a different language from the one selected at the initial settings. (See page 35 for further info.)

This operation works only with discs on which multiple subtitle languages are recorded.



Notes

- In some cases, the subtitle language is not changed to the selected one immediately.
- O When a disc supporting the closed caption is played, the subtitle and the closed caption may overlap each other on the TV screen. In this case, turn the subtitle off.
- When the desired language is not selected even after pressing the button several times, it means that the language is not available on the disc.
- When the power is turned on or the disc is removed, subtitles appears in the language selected at the initial settings. If this language is not recorded on the disc, the disc's priority language appears.

-1-

Press SUBTITLE during playback.

When no subtitles are recorded, "OFF" will be displayed instead of the language number.



Press SUBTITLE repeatedly until the desired language is selected.

Number of the subtitle language being played back is shown.



To eliminate the On Screen Subtitles.

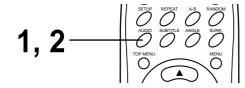
Press SUBTITLE repeatedly to select OFF at step 2.

Changing Audio Soundtrack Language



It is possible to change the audio soundtrack language (or encoding method, channel number) to a different language from the one selected at the initial settings in case of DVD disc. (See page 35 for further info.) This operation works only with discs on which multiple audio soundtrack languages are recorded.

And it is possible to change the audio channel in case of audio CD.



DVD



Press AUDIO during play.

Number of the audio soundtrack language being played back.



Press AUDIO repeatedly until the desired language (or encoding method, channel number) is selected.



• CD/Video CD

Press AUDIO during play.



Press AUDIO repeatedly until the desired sound is selected.



- O When the desired language is not selected even after pressing the button several times, it means that the language is not available on the disc.
- When the power is turned on or the disc is removed, the language heard is the one selected at the initial settings. If this language is not recorded on the disc, only the available language on the disc will be heard.
- Some discs may not respond to Audio feature.

Viewing from another Angle



Some DVDs may contain scenes which have been shot simultaneously from a number of different angles. For these discs, the same scene can be viewed from each of these different angles using the ANGLE button. (The recorded angles differ depending on the disc used.)

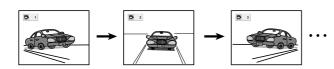


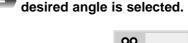
Press ANGLE during playback.

Press ANGLE repeatedly until the

Number of angle being played back.









For your reference

- The ANGLE indicator will blink in the DVD display window at scenes recorded at different angles to indicate that angle switching is possible.
- The angle number can be programmed beforehand; the angle will be switched to the selected number when the ANGLE indicator blinks.

Note

This function only works for discs having scenes recorded at different angles.

Producing a 3D Surround Effect



This unit can produce a 3D Surround effect, using 3D Surround Sound technology, which simulates multi-channel audio playback from two conventional stereo speakers instead of the five or more speakers normally required to listen to multi-channel audio from a home theatre. This feature works with DVD discs encoded with Dolby Pro Logic and Dolby Digital audio tracks.



Press SURR. during playback.

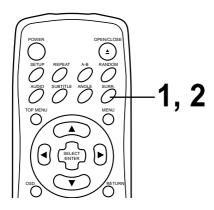
Each time this button is pressed, the TV screen display changes.





Press SURR. repeatedly until the desired sound is selected.





- This 3D Surround effect may not be available on some DVD discs or audio CD, such as those recorded with a mono audio soundtrack.
- Turn off the TV surround sound and other surround effects when using this 3D surround effect.
- For best 3D Surround effect using only two speakers it is recommended that the two speakers be positioned approximately 8' to 10' apart, and the listening position should be 8' to 10' away from the speakers.
- During linear PCM playback (sampling frequency 96 kHz), the 3D Surround effect may not be available.

Repeat Play

Repeating viewing (listening) Press REPEAT during playback.

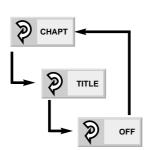
Each time this button is pressed, the TV screen changes as shown below and the disc will repeat a chapter or title (DVD) or a track (CD/Video CD).

DVD

Repeat of chapter being played

Repeat of title being played

Cancel repeat mode (normal play)



CD/Video CD

Repeat of track being played

Repeat of entire disc contents

Cancel repeat mode (normal play)

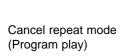


To enjoy program repeat play (CD/Video CD)

If REPEAT is pressed during program play, repeat play is operated as below.

Repeat of the current programmed track

Repeat of all programs



TRACK ALL OFF

To return to normal play

Press REPEAT several times until "OFF" is displayed.





Repeating sections between two specific points (A-B repeat)

Press A-B during play at the point where repeat play is to start (A).



 You can select "OFF" at this step by pressing CLEAR.



Press A-B during play at the point where repeat play is to be concluded (B).



Repeat play of the selection between points A and B starts.

To return to normal play

Press A-B once "OFF" is displayed.



- D Repeat play works only with discs for which the elapsed playing time appears in the DVD display window during playback.
- Repeat play may not work correctly with some DVDs and some Video CDs.
- A-B repeat play works only within a title DVD or a track CD/Video CD.
- Some subtitles recorded around point A or B may fail to appear (DVD).

Storing Markers in Memory to be Viewed (Listened to) again

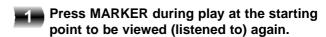






Storing a MARKER in the DVD memory is similar to marking your page in a book. It allows you to quickly return to any point on the disc.

Storing a marker in the memory





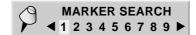
Indicates "1/9" is stored in the memory. Up to 9 marks can be stored in the memory.

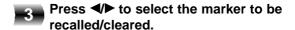
Recalling/Clearing a marker



Press SEARCH during playback.

The MARKER SEARCH menu will appear on the TV screen.



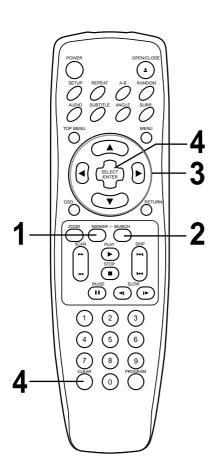




Press SELECT/ENTER to recall a marker. Or press CLEAR to clear a marker.

Play resumes from the point corresponding to the selected marker, or the selected marker is cleared.

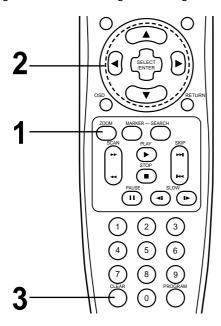
- These operations work only with discs for which the elapsed playing time appears in the DVD display window during playback
- Some subtitles recorded around the marker may fail to appear (DVD).
- All the markers are cleared when the power is turned off or the
- The marker is not stored when the DVD or title menu is displayed on the TV screen.

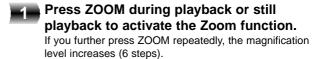


Zoom Feature

DE O DIGITAL VIDEO

The Zoom function allows you to enlarge the video image and to move through the enlarged image.



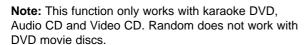


- Press ▲/▼/◀/► buttons to move through the zoomed picture.
- Press CLEAR to resume normal playback.

Notes

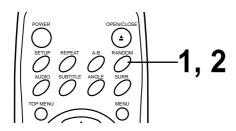
- Some discs may not respond to the Zoom feature.
- Zoom does not work on subtitles or menus included on DVD video discs.

Random Play



You can playback titles or tracks in random order. (Random playback)

The DVD player automatically selects the titles on a DVD video karaoke disc only and plays them back randomly.









Random play (Karaoke DVD, Video CD or CD)

Press RANDOM during normal playback or stop mode.

The DVD player automatically starts random playback and the RANDOM indicator in the DVD display window appears.

To resume normal playback, press RANDOM.

The RANDOM indicator in the DVD display window disappears.

- Random playback may not be possible on certain discs.
- If you press the SKIP I or b button during random playback, the DVD player goes to another track randomly and starts playback.

Program Play

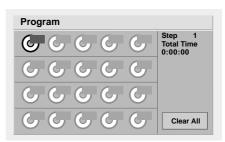
The player plays the tracks on the disc in the order you specify.

Note: Program play function is possible only with audio CDs. It does not work with DVD movie discs and Video CDs (Version 2.0).



Press PROGRAM on the stop mode.

The program playback screen appears on the TV screen.



• To exit the screen, press PROGRAM or RETURN.



Press $\triangle/\nabla/\triangle$ and press the numeric button(s), to select the desired track number.



- Repeat step 2 to select another track.
- Up to 20 tracks can be programmed.



Press PLAY to exit the screen.

The selected track is stored in the memory and play now begins in the programmed sequence.

After playback of all tracks programmed Play is stopped.

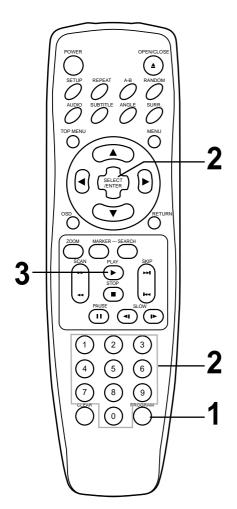
Clearing the program

• To clear the programmed tracks one by one

Press ▲/▼/◀/▶ to select the unwanted number and then press CLEAR.

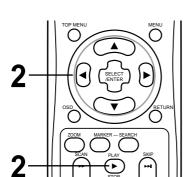
• To clear all the programmed tracks

Press $\triangle/\nabla/\triangle/\triangleright$ to select "Clear All" and then press SELECT/ENTER. Press PROGRAM or RETURN to exit the screen. (The programs are also cleared when the power is turned off or the disc is removed.)



Playback with MP3



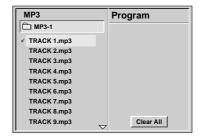


To play an MP3 file



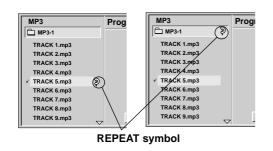
Load an MP3 disc.

The MP3 menu is displayed



To play an MP3 file repeatedly

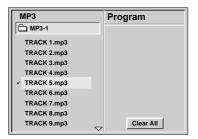
- If you press REPEAT once during play, the current MP3 file will play repeatedly.
- If you press REPEAT twice during play, the all MP3 files on the disc will play repeatedly.
- If you press REPEAT three times, the repeat play will be cancelled.



Notes

- OThe file name is only displayed in English.
- O If there is an impossible code to display, it will be displayed underlined (_) instead of English.
- O This unit can play up to 200 files per disc. A disc recorded with more than 200 files cannot be played.
- O Disc format is compatible with ISO9660 only.
- O If you record MP3 files using the software which cannot create a FILE SYSTEM, for example "Direct-CD" etc., it is impossible to playback MP3 files. We therefore recommend that you use "Easy-CD Creator", which creates an ISO9660 file system.
- O A single session disc requires MP3 files in the first track. If there is no MP3 file in the 1st track, it cannot playback MP3 files. If you wish to playback MP3 files, format all the data in the disc or use a new one.
- O If there are already data files which are not MP3 files on the CD-R disc, please, do not use that disc; use a new one instead. However, if the disc is a CD-RW disc, this does not apply.

Press ▲/▼ button to select the desired MP3 file and then press PLAY to start playback of the file.

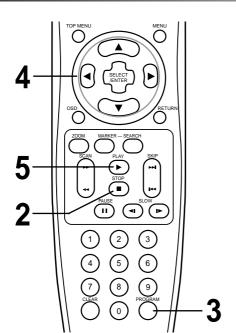


For your reference

- Press SKIP ► or SKIP ► to play the next file or previous file during playback.
- Press OSD to move to the next page.
- Press PAUSE to enter the pause mode, press PLAY or PAUSE again to return to normal playback.
- · Press STOP to stop the playback.

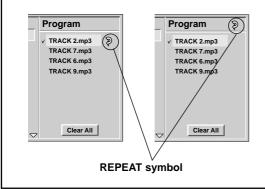
Playback with MP3 (Cont'd)





To play an MP3 file repeatedly

- If you press REPEAT button once during play, the current MP3 file will play repeatedly.
- If you press REPEAT button twice during play, the all MP3 files on the program list will play repeatedly.
- If you press REPEAT button three times, the repeat play will be cancelled.



Clearing the program

• To clear the program one by one

In the Program Edition mode, press $\Delta/\nabla/4/\triangleright$ to select the unwanted MP3 file on the program list and then press CLEAR.

• To clear all the programs

In the Program Edition mode, press $\blacktriangle/\blacktriangledown/\blacktriangleleft/\gt$ to select the "Clear All" and press SELECT/ENTER.

To program play an MP3 file

Load an MP3 disc.
The MP3 menu is displayed.

Press STOP to stop playback.

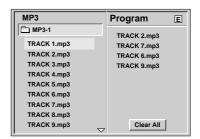
Press PROGRAM to enter the Program Edition mode in the stop mode.

The E mark appears on the right of the word Program on the right side of MP3 menu.

Press RETURN to exit the Program Edition mode, the mark will disappear.

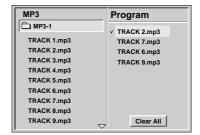
Press ▲/▼ to select the desired MP3 file and then press SELECT/ENTER to add the MP3 file to the program list.

- · Repeat steps 4 to select another track.
- Up to 60 files can be programmed.



Press PLAY to play.

The playback now begins in the programmed sequence.



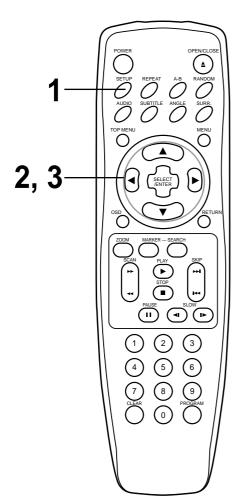
If you want to enter the main menu, press ◀ button.

After playback all tracks programmed

Play is stopped.

Selection of Initial Settings

Once the initial settings have been completed, the player can always be operated under the same conditions (especially with DVD discs). The settings will be retained in the memory until they are changed, even if the power is switched off.



Selection of initial settings

Press SETUP in the stop or playback mode.

The SETUP menu is displayed.



Press ▲/▼ to select the desired item.

The screen will show the current setting for the selected item, and the alternate setting(s).

- Disc Audio (see page 35.)
- Disc Subtitle (see page 35.)
- Disc Menu (see page 35.)
- Rating (see page 36.)
- Password (see page 37.)
- TV Aspect (see page 38.)
- Menu Language (see page 39.)
- Progressive Scan (see page 40.)
- Digital Audio Output (see page 41.)
- Others (see page 42.)

Press ▶ and then ▲/▼ to select the desired setting and press SELECT/ENTER.

• Some items require additional steps. (See the respective page.)

When the alternate setting is selected the screen returns to the Initial Settings display.

To exit SETUP menu

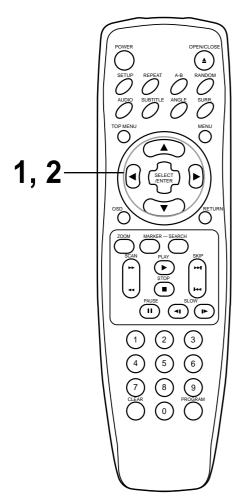
Press SETUP, RETURN or PLAY.

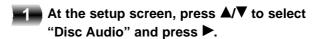


Selecting Disc Languages

This is to select the audio soundtrack language, subtitle language and the language used in title menus or DVD menus which will always be used for every disc to be played back.

When you play back a DVD video disc, the DVD player automatically displays the pre-selected subtitle language if it is included on the disc.







Press ▲/▼ to select the desired language and then press SELECT/ENTER.



Original: The original language of each disc will be selected.

English: The English will be Selected.

Other: Another language can be selected. You can input

4-digit language code. (Refer to the language codes on page 43. Press CLEAR if an incorrect

language code is entered.)

The "Disc Subtitle" and "Disc Menu" are selected by the same method.

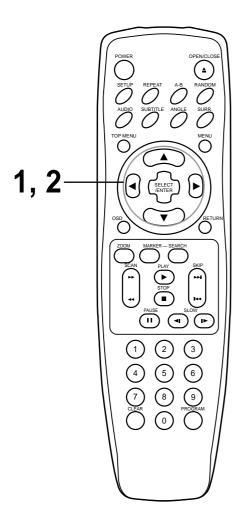
Note

O If the language selected is not available on the disc, the original language designated by each disc will be selected.

Selecting Rating Level and Password

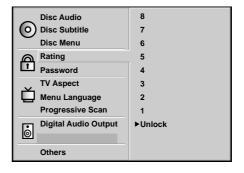
This is to prohibit the playing of specified DVDs which are unsuitable for children.

 Some DVD discs contain a restriction level which enables parents to remove scenes or prevent playback of discs by children. DVD players are equipped with a password designed to prevent children from changing the level.

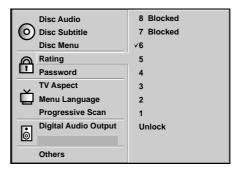


Selecting rating level (DVD only)

At the SETUP screen, press ▲/▼ to select "Rating" and press ▶.



Press ▲/▼ to select the desired level and press SELECT/ENTER.



You cannot play DVD video discs rated higher than the level you selected unless you cancel the parental lock function. For example, when you select level 7, discs rated higher than level 7 are blocked and cannot be played.

The parent lock level is equivalent to the following USA movie ratings.

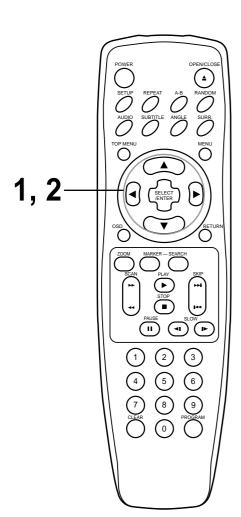
Level 7: NC-17 Level 6: R Level 4: PG 13 Level 3: PG Level 1: G

 Some titles do not match with the rating level described as above.

If you change the level and enter a password, playback of all DVDs with ratings higher than your selection will be blocked, unless the correct password is entered again. For example: if you change the level to "5", the DVD player will not play discs with ratings of "6", "7" or "8" unless the correct password is entered on the remote control.

Selecting Rating Level and Password (Cont'd)





Setting your password (DVD only)

If you change the rating level to "7" or lower, you must enter a 4-digit "password" to prevent playback of discs with higher ratings.

At the SETUP screen, press ▼ to select "Password" and press ▶.



Input a 4-digit password and press SELECT/ENTER.

Example: 1234

Do not forget your password.

Input the 4-digit password again and press SELECT/ENTER to verify.

Setting is finished.

• The rating is locked. Any disc whose rating is higher than the setting, cannot be played back unless the correct password is entered.

To change/clear memorized password

- At the SETUP screen, press ▼ to select "Password" and press ▶.
- Input your password and press SELECT/ENTER.



To change or clear your password, press ▲/▼ to select the "Change" or "Clear" and press SELECT/ENTER.

To change the rating level/password, follow the steps on page 36-37 again.

To clear your 4-digit password

If you forget your password, to clear the current password, follow the procedure below.

1 Press SETUP.

The SETUP menu is displayed.

2 Enter 6-digit number "210499" by pressing number buttons.

pressing number buttons.The 4-digit password is cleared. "P CLr" appears on the display.

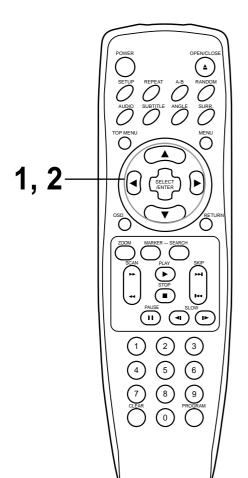
3 Enter a new password.

Refer to "Setting your password" section on the right.

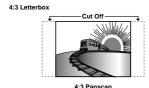
Selecting TV Aspect

1 At the SETUP screen, press ▲/▼ to select "TV Aspect" and press ▶.

Select the appropriate screen type according to your TV set; conventional size screen (4:3) or wide-screen (16:9).



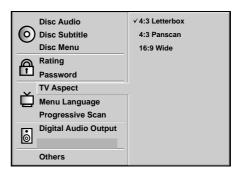








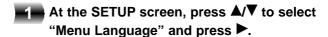
Press ▲/▼ to select the desired Aspect and press SELECT/ENTER.

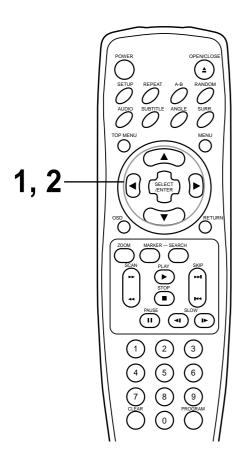


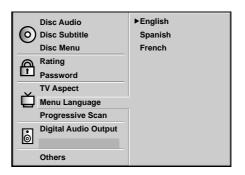
- **4:3 Letterbox :** The video material not formatted in the Pan & Scan style is played back in the letterbox style (black bands appear at top and bottom of screen).
- **4:3 Panscan :** Select when a conventional TV set is connected. The video material formatted in the Pan & Scan style is played back in that style (the left and right edges are cut off).
- **16:9 Wide**: Select when a wide-screen TV set is connected. Played in "FULL" size. (Setting the wide-screen TV to "FULL" mode is also necessary.)
- Each screen shows an example when the video material for a wide-screen is played.
 (This setting does not affect the video material for conventional size.)

Selecting Menu Language

Selects language for SETUP menus and displays on the TV.

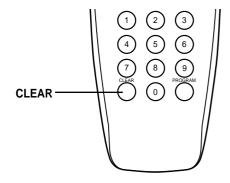






Press ▲/▼ to select the desired Language and press SELECT/ENTER.





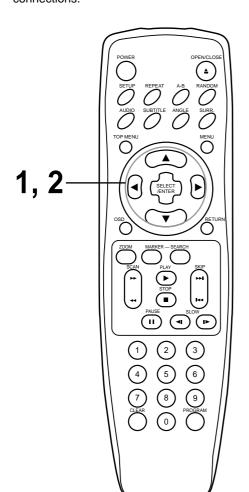
- This DVD player support two remote control codes: C1 and C2
- When the unit is shipped from the factory, the remote code is set to C1.
- To change the remote control cods, press and hold CLEAR button for at least five seconds.
- Changed Remote control codes is displayed in the Display window.
- Set the remote control codes of the Remote control to the same setting (page 10).

- This setting can not be used if a disc is playing.
- If a DVD has been loaded, be sure to press STOP twice before proceeding.

Selecting Progressive Scan

If your television is high-definition or "digital ready" television, you may take advantage of the DVD Player's progressive scan output for the highest video resolution possible. Make the component video connections as shown on page 13 or you may connect the component video jacks directly to the component video or HD component inputs on your TV or monitor. Once the connection is made, the progressive scan circuitry must be activated by changing the SETUP menu.

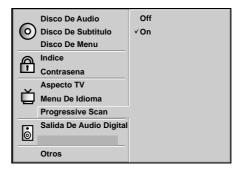
Note: The progressive scan capability is not operational with standard analog component video connections.



At the SETUP screen, press ▲/▼ to select "Progressive Scan" and press ▶.



Press ▲/▼ to select the desired Progressive mode (On or Off) and press SELECT/ENTER.



Off: If you are using the COMPONENT VIDEO OUT jacks, but are connecting the DVD player to a standard (analog) television, set the Progressive mode to "Off".

On: If you are using the COMPONENT VIDEO OUT jacks for connection to a TV that is compatible with a progressive scan signal, set the Progressive mode to "On".

Notes

 The Progressive function only works when VIDEO OUTPUT SELECT switch on the rear panel is set to COMPONENT/ PROGRESSIVE SCAN.

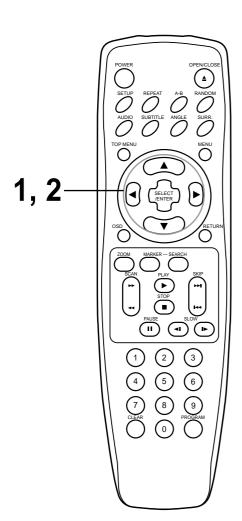
Once the setting for progressive scan output is entered, an image will only be visible on a progressive scan compatible video display. If you change the setting to "On" in error, you must reset the unit by first pressing the STOP to stop any disc that is playing. Next, press the STOP again and hold it for five seconds before releasing it. The video output will be restored to the standard setting, and a picture will once again be visible on a conventional analog display.



Selecting Digital Audio Output

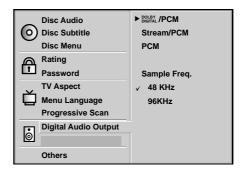
VIDEO DISTRICTION DISTRICTURED

Each DVD disc has a variety of audio output options. Set the player's Digital Audio Output according to the type of audio system you use.



	OUTPUT		
Playback Disc	Stream/PCM	Dolby Digital/ PCM	PCM only
96 kHz Linear PCM DVD	PCM	PCM	PCM
DTS DVD	DTS bit Stream DTS bit Stream		DTS bit Stream
Dolby Digital DVD	Dolby Digital bit Stream	Dolby Digital bit Stream	PCM
MPEG DVD	MPEG bit Stream	PCM	PCM
Audio CD/ Video CD	PCM	PCM	PCM
DTS Audio CD	DTS bit Stream	DTS bit Stream	DTS bit Stream

At the SETUP screen, press ▲/▼ to select Digital Audio Output and press ▶.



Press ▲/▼ to select the desired output and press SELECT/ENTER.

You can select Digital Audio Output or Sampling Frequency item by pressing SELECT/ENTER.

■ Digital Audio Output

DOLBY DIGITAL/PCM: Select "DOLBY DIGITAL/PCM" if an active digital output is supplied to a Dolby Digital decoder, (or an amplifier or other equipment with Dolby Digital decoder).

Stream/PCM: Select "Stream/PCM" if an active digital output is supplied to an amplifier or other equipment with DTS decoder, Dolby Digital decoder and MPEG decoder.

PCM: Select "PCM" if an active digital output is supplied to an amplifier or other equipment with linear PCM only (or MD recorder or DAT deck).

■ Sampling Frequency

To change the Sample Frequency setting, first select the desired digital audio output type as indicated above. If your A/V receiver or surround processor is NOT capable of handling 96kHz signals, select the 48kHz option. When this choice is made, this unit will automatically convert any 96kHz signals to a 48kHz output so that your system is capable of decoding them.

If your A/V receiver or surround processor is capable of handling 96kHz signals, select the 96kHz option. When this choice is made, this unit will pass each type of signal through without any further processing.

- If an active digital audio output signal is supplied to a receiver or other equipment without a corresponding digital decoding capability, a very loud noise may be produced which could permanently damage the speakers.
- The DTS DVD disc sound is played back only when the DVD player is connected to a receiver with a DTS decoder.

Others





The DRC, Vocal, PBC and Video settings can be changed.

At the SETUP screen, press ▲/▼ to select "Others" and press ▶.



■ DRC (Dynamic Range Compression) On/Off

- On: Select this option to turn on the Dynamic Range Compression circuitry so that the dialogue remains clear even at low volume levels.
- Off: Select this option to turn off the Dynamic Range Compression and have the soundtrack presented exactly as it was created.

■ Vocal On/Off

Set to On only when a multi-channel karaoke DVD is being played. The karaoke channels on the disc will then be mixed into a normal stereo sound.

■ PBC On/Off

Set Playback Control (PBC) to On or Off

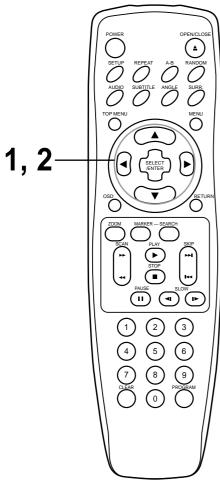
On: Video CDs with PBC are played back according to the PBC.

Off: Video CDs with PBC are played back in the same way Audio CDs.

Video On/Off

Setting this option to Off is one of the best ways to achieve optimum sound quality from Audio CD playback and video output will be cut.

- The DRC function works only during playback of Dolby Digital
- The level of Dynamic Range Compression may differ depending on the DVD disc.
- When playing karaoke, connect appropriate audio equipment (such as an amplifier) to the DVD video player.



About DRC (Dynamic Range Compression)

With the DVD format you have the opportunity to hear a program's soundtrack in the most accurate and realistic presentation possible, thanks to the use of digital audio technology. However, in certain instances you may wish to slightly compress the dynamic range of the audio output (the difference between the loudest sounds and the quietest ones) so that you may listen to a movie at a lower volume without losing dialogue intelligibility.

Table of Language and Their Abbreviations



Enter the appropriate code number for the initial settings "Audio", "Subtitle" and/or "Menu" (See page 35).

Code	Language	Code	Language	Code	Language	Code	Language
6565	Afar	7079	Faroese	7678	Lingala	8375	Slovak
6566	Abkhazian	7082	French	7679	Laothian	8376	Slovenian
6570	Afrikaans	7089	Frisian	7684	Lithuanian	8377	Samoan
6577	Ameharic	7165	Irish	7686	Latvian, Lettish	8378	Shona
6582	Arabic	7168	Scots Gaelic	7771	Malagasy	8379	Somali
6583	Assamese	7176	Galician	7773	Maori	8381	Albanian
6588	Aymara	7178	Guarani	7775	Macedonian	8382	Serbian
6590	Azerbaijani	7185	Gujarati	7776	Malayalam	8385	Sundanese
6665	Bashkir	7265	Hausa	7778	Mongolian	8386	Swedish
6669	Byelorussian	7273	Hindi	7779	Moldavian	8387	Swahili
6671	Bulgarian	7282	Croatian	7782	Marathi	8465	Tamil
6672	Bihari	7285	Hungarian	7783	Malay	8469	Telugu
6678	Bengali; Bangla	7289	Armenian	7784	Maltese	8471	Tajik
6679	Tibetan	7365	Interlingua	7789	Burmese	8472	Thai
6682	Breton	7378	Indonesian	7865	Nauru	8473	Tigrinya
6765	Catalan	7383	Icelandic	7869	Nepali	8475	Turkmen
6779	Corsican	7384	Italian	7876	Dutch	8476	Tagalog
6783	Czech	7387	Hebrew	7879	Norwegian	8479	Tonga
6789	Welsh	7465	Japanese	7982	Oriya	8482	Turkish
6865	Danish	7473	Yiddish	8065	Panjabi	8484	Tatar
6869	German	7487	Javanese	8076	Polish	8487	Twi
6890	Bhutani	7565	Georgian	8083	Pashto, Pushto	8575	Ukrainian
6976	Greek	7575	Kazakh	8084	Portuguese	8582	Urdu
6978	English	7576	Greenlandic	8185	Quechua	8590	Uzbek
6979	Esperanto	7577	Cambodian	8277	Rhaeto-Romance	8673	Vietnamese
6983	Spanish	7578	Kannada	8279	Rumanian	8679	Volapük
6984	Estonian	7579	Korean	8285	Russian	8779	Wolof
6985	Basque	7583	Kashmiri	8365	Sanskrit	8872	Xhosa
7065	Persian	7585	Kurdish	8368	Sindhi	8979	Yoruba
7073	Finnish	7589	Kirghiz	8372	Serbo-Croatian	9072	Chinese
7074	Fiji	7665	Latin	8373	Singhalese	9085	Zulu

Disc Requirements/Copyright Information

Playable Discs

This DVD player can play back the following discs.

	Disc mark	Contents	Disc size	Maximum playback time
		12 cm	Approx. 4 hours (single sided disc)	
	DYD	Audio+Video (moving pictures)		Approx. 8 hours (double sided disc)
DVD video discs	VIDEO TM		8 cm	Approx. 80 minutes (single sided disc)
				Approx. 160 minutes (double sided disc)
Video CDs	COMPACT	Audio+Video	12 cm	74 minutes
Video CDS	(DIGITAL VIDEO)	Addio-video	8 cm	20 minutes
Audio CDs	Audio	12 cm	74 minutes	
Audio CD3	DIGITAL AUDIO	Addio	8 cm	20 minutes

In addition, this unit can play back a CD-R or CD-RW that contains audio titles or MP3 files.

You cannot playback discs other than those listed above. (HDCD, CD-ROM, CD-Extra, CD-G, photo CD, and CD-i discs can not be played on this DVD player.)

Region Management Information

Region Management Information: This DVD Player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this DVD player, this DVD player cannot play that disc.

The Region number of this DVD player is 1.



Notes on Unauthorized Discs

You may not be able to play back some DVD video discs on this player if they were purchased from outside your geographic area or made for business purposes.

When you try to play back an unauthorized disc, "Check Regional Code" appears on the TV screen.

Notes on Copyright

It is forbidden by law to copy, broadcast, show, broadcast on cable, play in public, and rent copyrighted material without permission.

DVD video discs are copy protected, and any recordings made from these discs will be distorted.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only, unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Before Calling Service Personnel

Symptoms and Correction

Check the following guide for the possible cause of a problem before contacting service.

Symptom	Cause	Correction		
No power.	The power cord is disconnected.	Plug the power cord into the wall outlet securely.		
The power is on, but the DVD player does not work.	No disc is inserted.	Insert a disc. (Check that the DVD or, audio CD indicator in the DVD display is lit.)		
No picture.	The TV is not set to receive DVD signal output.	Select the appropriate video input mode on the TV so the picture from the DVD player appears on the TV screen.		
	The video cable is not connected securely.	Connect the video cable into the jacks securely.		
	The connected TV power is turned off.	Turn on the TV.		
No sound.	The equipment connected with the audio cable is not set to receive DVD signal output.	Select the correct input mode of the audio receiver so you can listen to the sound from the DVD player.		
	The audio cables are not connected securely.	Connect the audio cable into the jacks securely.		
	The power of the equipment connected with the audio cable is turned off.	Turn on the equipment connected with the audio cable.		
	The Digital Audio Output is set to the wrong position.	Set the Digital Audio Output to the correct position, then turn on the DVD player again by pressing the POWER button.		
The playback picture is poor.	The disc is dirty.	Clean the disc.		
The DVD player does not start playback.	No disc is inserted.	Insert a disc. (Check that the DVD, or audio CD indicator in the DVD display is lit.)		
	An unplayable disc is inserted.	Insert a playable disc. (Check the disc type, color system and Regional code.)		
	The disc is placed upside down.	Place the disc with the playback side down.		
	The disc is not placed within the guide.	Place the disc on the disc tray correctly inside the guide.		
	The disc is dirty.	Clean the disc.		
	A menu is on the TV screen.	Press the SETUP button to turn off the menu screen.		
	The Rating level is set.	Cancel the Rating function or change the rating level.		
The remote control does not work properly.	The remote control is not pointed at the remote sensor of the DVD player.	Point the remote control at the remote sensor of the DVD player.		
	The remote control is too far from the DVD player.	Operate the remote control within about 17 ft (5 m).		
	There is an obstacle in the path of the remote control and the DVD player.	Remove the obstacle.		
	The batteries in the remote control are exhausted.	Replace the batteries with new ones.		
	Remote control code is different between the DVD player and Remote control.	Set the remote control codes of both DVD player and Remote control to the same setting.		

Specifications

DVD player/Outputs/Supplied Accessories

	Power supply	AC 120V, 60 Hz			
	Power consumption	16 W			
	Weight	7.7 lbs (3.5 kg)			
	External dimensions (W X H X D)	17.3" X 3.5" X 10.0" (440 x 88 x 254 mm)			
	Signal system	NTSC			
yer]	Laser	Semiconductor laser, wavelength 650 nm (DVD), 780 nm (CD)			
[DVD player]	Frequency range (audio)	DVD: fs = 96 kHz 4 Hz - 44 kHz fs = 48 kHz 4 Hz - 22 kHz CD: 4 Hz - 20 kHz			
	Signal-to-noise ratio (audio)	More than 105 dB			
	Dynamic range (audio)	More than 100 dB			
	Harmonic distortion (audio)	0.003 %			
	Wow and flutter	Below measurable level (less than + 0.001 % (W.PEAK))			
	Operating conditions	Temperature: 41°F to 95°F, Operation status: Horizontal			
	Video output	1.0 V (p-p), 75 Ω, negative sync., RCA jack x 1			
	S-video output	(Y) 1.0 V (p-p), 75 Ω, negative sync., Mini DIN 4-pin x 1			
_		(C) 0.286 V (p-p), 75 Ω			
[Outputs]	Component video output	(Y) 1.0 V (p-p), 75 Ω, negative sync., RCA jack x 1 (CB)/(CR) 0.7 V (p-p), 75 Ω			
<u> </u>	Audio output (digital audio)	0.5 V (p-p), 75 Ω, RCA jack x 1			
	Audio output (optical audio)	Optical connector x 1			
	Audio output (analog audio) 2.0 Vrms(1 KHz, 0 dB), 330 Ω, RCA jack (L, R) x				
	Video cable1				
es]	• Audio cable1				
pplie ssori	System Control cable1				
[Supplied Accessories]	Remote control	1			
•	• Batteries2				

^{*} Designs and specifications are subject to change without notice.

ALGERIE Aur 2000 8. Loissement Ben Hatisid, Ager, Algerie AMMENIA NOYG Lid. ANTON Ausgraft Br. Lid. 21 Look Road, Mt. Westerley, V.C. 2416, Ausgraft Br. ALGERIAL Junica Ausgraft Br. Lid. 21 Look Road, Mt. Westerley, V.C. 2416, Ausgraft Br. ALGERIAL Junica Ausgraft Br. Lid. 21 Look Road, Mt. Westerley, V.C. 2416, Ausgraft Br. ALGERIAL Junica Ausgraft Br. Lid. 21 Look Road, Mt. Westerley, V.C. 2416, Ausgraft Br. ALGERIAL Junica Ausgraft Br. Lid. 21 Look Road, Mt. Westerley, V.C. 2416, Ausgraft Br. ALGERIAL Ausgraft Br. Lid. Annother Br. Lid. Annother Br. Lid. Annother Heyden Audio N. V. Bandello Win der Heyden Audio N. V. Bell, Galtha Ansecommerce Grob! Mischolona Bhr. 16, 1008 Sefs, Bulgaria BLOARIA. Ansecommerce Grob! Mischolona Bhr. 16, 1008 Sefs, Bulgaria CYPRUS Empire Hill systems Ltd. CZECH REPUBLIC. Audio International CORNARK Audio Nord Dali A&1, 16610 Norda, Cyprus CZECH REPUBLIC. Audio International Societa Cargo Repeace, OKR Blamsko, Czech Republic Obenius Audio Nord Dali A&1, 16610 Norda, Cyprus ESTONIA HF. Club Estonia Eth. 4, 90503 Haupsels, Estonia ETRANCE Mannutz Pracce Mannutz Pracc	COUNTRY	COMPANY	ADDRESS
AUSTRIAL AUS			- /
AUSTRIA Huber & Probaska CmoH Taborsrafie 95 / Ladestrafie 1, Gebäude Hangartner, A-120 Winn, Austria BANGADESH Interest Communication of the Communication	-		
BANGLADES Ambassador Stores P.O. Box 237,141, Covernment Avanua, Mansama Bahrein BANGLADES Tonget Tonge, Remy Whomain Lanne Asadopic, Chitagogid, 400, Bangidadeh BELGUM Van der Heyden Audio N.V. Busselbean 278, 3320 Erembookepum, Belgum BULGARRA Ansectionmente Chital Makechone Belbu, 16, 1050 Stole, Budgaria Makechone Belbu, 16, 1050 Stole, Budgari		<u> </u>	
BANGLADESH Target BLGIUM Van der Heyden Audio N.V. Brussebbaar 279, 3300 Errenbogen, Belgulum BulcaRIA Aviescommerne Gmeht Aviescommerne Benefield (1988) Bene			
BELGIUM Van der Heyden Aufon k.V. Bluckarkin Ariescommerce GmbH Makedomis Belt 16, 1866 Soffa, Bulgarne CAMADA Lembrook Industries Limited 533 Grante Court Pickerina, Ontario CAMADA Cang Chary Aufon Berneroid Lot, 140, 383 Yearhan Food, Shouldon, Part Yu. Guang Dong, China CAMADA Cang Chary Aufon Berneroid Lot, 140, 383 Yearhan Food, Shouldon, Part Yu. Guang Dong, China CECH REPUBLIC Aufo International DENMARK Aufo Nord Dall AMP, 1, 9610 Notenga, Pennank DUBAI V.V.A. SONS P.O. Box 105, Dubal, U.A.E. CEYPT Sollmoc 9, El. Atlibas St. Doki, Carto, Egypt Set Town Hift Club Estoria Fire 4, 95053 Heapspalu, Heapspa	-		
CANADA Lenbrook Industries Limited 633 Grante Court, Pickering, Ontario CYPRUS Group Agus Determinated Du, Lik No.39 Vauhan Road, Shillos, Pan Yu, Quang Dong, China CYPRUS Empire Hif systems Ltd. 90, 80x 5604, Nicosia, Opprus CZECH REPUBLIC Audio International Solicitise H, 15/902 Republic, OKR, Blansko, Czech Republic DEMARK Audio Nord Del Aldé 1, 16/10 Nobregger, Demnax Experiment County of the County o			
CHINA	BULGARIA	Ariescommerce GmbH	Makedonia Blvd. 16, 1606 Sofia, Bulgaria
CYPRUS Empire Hiff systems Ltd. P.O. Box 6604, Nicosia, Cyprus ZECH REPUBLIC Audio International Sololisad I, 1, 67902 Rajoco, KKR, Blannko, Czech Republic DENMARK Audio Nord Dall Allé 1, 9610 Noerager, Denmark Audio Nord Dell Allé 1, 9610 Noerager, Denmark Dell Allé Nord Dell Allé Nord Dell Allé Nord Dell Allé Nord Dell Undenmankhul 4-6, Helsinki SF-00120, Finland FRANCE BERMANY Marantz France A division of Marantz Europe B V. P. D. Box 301, 921 fis Suresnes Cedex, France BERMANY Marantz Europe B V. Bullding SFF-2, P.O. Box 80002, 5800 Jb Eindhoven, The Netherlands HEADQUARTERS EUROP Marantz Europe B V. Bullding SFF-2, P.O. Box 80002, 5800 Jb Eindhoven, The Netherlands BERMAN Mentriz Europe B V. Bullding SFF-2, P.O. Box 80002, 5800 Jb Eindhoven, The Netherlands BERMAN Home Co. SPH Boor on 878 Philips Bullding Englebel ave, P.O. 11365/7844 Tehran, Iran RELAND Marantz Ireland Marantz Ireland Marantz Ireland Marantz Ireland Connekseph, Dublin 14, Irelanding, Tel Aviv. Service BERMAN Marantz Ireland Marantz Ireland Connekseph, Dublin 14, Irelanding, Tel Aviv. Service Marantz Ireland Connekseph, Dublin 14, Irelanding, Tel Aviv. Service Marantz Ireland Marantz Ireland Marantz Ireland Marantz Ireland Connekseph, Dublin 14, Irelanding, Tel Aviv. Service Marantz Ireland Marantz Irelanding, Dell Mar	CANADA	Lenbrook Industries Limited	633 Granite Court, Pickering, Ontario
CZECH REPUBLIC Audio International Sokolska 41, 6792 Rejecko, OKR Blansko, Czech Republic DENMARK Audio Nord DIA V.V.A SONS P.O. Box 105, Dubai, U.A.E. CEYPT Solimoc Servity Solimoc Servity Solimoc			
DENMARK DUBAI VV.8 GONS P.O. Box 105, Dubai L.V.A.E. EGYPT Solimo 9, El-Attibba St. Doki, Cario, Egypt ESTONIA HIFL CUb Estonia 1			
EGYPT Solimoo 9, El Attibas St. Dokt, Carin Egypt ESTONIA HIFI Club Estonia Ehre 4, 99503 Happsalu, Estonia Ehre 5, 1900 LO, Carin Kantragrev 21, Skopie, Former Yugoslavian Republic of Macedonija Undenmaankaut 46, Halpsalk SF-00120, Finland FRANCE Marantz France A division of Marantz Europe 8 V., P.O. Box 301, 19, 156 Sursenes Cedex, France GERMANY Marantz Deutschland Halberhusch 3, 48078 Constitutor, Germany Annual St. Marantz Carin			
EGYPT Solimo 9, El Albibaa St. Doki, Cairo, Egypt ESTONIA HFIF CLUB Estonia Ehte 4, 95031 Haspash, Estonia Estonia HFI Club Estonia Ehte 4, 95031 Haspash, Estonia Estonia HFI Club Estonia Ehte 4, 95031 Haspash, Estonia Locadomir Kantardigev 21a, Skopje, Former Yugoslavian Republic of Macedonija FINLAND Audo Nord Uludenmankatu 4-6, Heisheiki SF-0102, Finland FRANCE Marantz Petrape Marantz Deutschland Hakenbusch 3, 49075 Gonabrotic, Germany Marantz Deutschland Hakenbusch 3, 49075 Gonabrotic, Germany GREEGE Adamos 5 A. 188, Hippocratous Street, 11471 Alberts, Greece Adamos 5 A. 189, Hippocratous Street, 11471 Alberts, Greece HEADOLARTERS EUROPE: Marantz Europe B V. Bulding 5F-2, P. D. Box 80002, 3600.18 El Enrichoven, The Netherlands HONG KONG Marantz Asia Ltd. Unit 1706, Metropiaza It, 223 Hing Fong Rosa, Kwari Fong, N.T., Kowborn, Hong Kong 10 Electronics Ltd. Armals 3, 109 Reylavidys, Locland ID Electronics Ltd. Armals 3, 109 Reylavidys, Locland INDIA NOVA Audio Private 8. Purann Co-co Society 29/30 Rosdatifs, Union Park MUMBAI 400052, India STRAN Horne Co. 5th floor no 878 Philips Bulding Enghela ave, P.O. 11365/7844 Tehran, Iran IRELAND Marantz Ireland Clonskeagh, Dublin 14, Ireland Electronics Int. 52 Heb Beyar Street, Kikar Hamedina, Tel Aviv, Israel FIALY Marantz Larly Via Casasti 23, 20062 Monza (Milano), Italy, Servicio Consumatori 1678-20026, Numero Vei Vior Cycost Hifforia B P. 2428, Abdigino 11, hory Coost Horne Administration of the Park Street, Marantz Administration of the Park Street, Advisor District, 25 Heb Beyar Street, Kikar Hamedina, Park Aviv, Israel Larva Ace Ltd. 61 LaFerbas Str., Raja (1942), 247-17 Seculy-doning, Marok-vu, Seoul, Korea Albitania Belancia Ltd. 121-210, 25 Shinhah Biog., 247-17 Seculy-doning, Marok-vu, Seoul, Korea Child Str., 124 Addison 11, 1000, 2000 A. Japan Marantz Professional Products Str., 124 Addison 11, 1000, 2000 A. Japan Marantz Professional Products Str., 124 Addison 11, 1000, 2000 A. Japan Marantz Professional Products Str., 124 Addison 11, 1000, 2000 A. Japa			
ESTONIA HIFI Club Estonia Ehre 4, 90503 Hapapealu, Estonia FNR.O.M. T.P. KODI U.Cedomir Kantarigue Z.B. Skopje, Former Yugoslavian Republic of Macedonija FINLAND Audio Nord U.Udenmankratu 4-6, Helsinki SF-00120, Finland FRANCE Marantz France A division of Marantz Europe B.V. P.O. 500 x301, 92 156 Sursenes Cedex, France GERMANY Marantz Deutschland Hakenbusch 3, 49078 Genabrots, Germany GREECE Admos S.A. 188, Hippocratius Street, 11471 Ahmen, Greece HEADQUARTERS EUROPE 1. Marantz Europe B.V. D. 500 x80002, 25600 JB Eindhoven, The Netherlands HEADQUARTERS EUROPE HARDOLARTER SEUROPE W. Marantz Europe B.V. D. 500 x80002, 25600 JB Eindhoven, The Netherlands HEADQUARTER SEUROPE W. Marantz Europe B.V. D. 500 x80002, 25600 JB Eindhoven, The Netherlands HEADQUARTER SEUROPE W. Marantz Europe B.V. D. 500 x80002, 25600 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 25600 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 25600 JB Eindhoven, The Netherlands HARD HARD G. S. Bulding SFF-2, P.O. 500 x80002, 25600 JB Eindhoven, The Netherlands HARD HARD G. S. Bulding SFF-2, P.O. 500 x80002, 25600 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 25600 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 25600 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 25600 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 25600 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 25600 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 25600 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 2500 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 2500 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 2500 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 2500 JB Eindhoven, The Netherlands HARD G. S. Bulding SFF-2, P.O. 500 x80002, 2500 JB Eindhoven, The Netherlands HARD G.			
FINLAND Audio Nord Uudenmanantaut -4, Helsinki SF-0102, Finland FRANCE Marantz France Advision of Marantz Europe B.V., P.O. Box 301, 92 156 Suresnes Cedex, France GERMANY Marantz Deutschland Hakenbusch 3, 49073 Benabrück, Germany GREEGE Adamos S.A. 188, Hippocratious Street, 11471 Afhens, Greece HEADQUARTERS EUROPE: Marantz Europe B.V. Buding SFF-2, P.O. Box 301, 92 156 Suresnes Cedex, France GERMANY Informatic Europe B.V. Buding SFF-2, P.O. Box 80002, 5600 BE Indhoven, The Netherlands HONG KONG Marantz Asia Ltd. Until 1705, Metroplaza II, 223 Hing Fong Road, Kwai Fong, N.T., Kowboon, Hong Kong HUNGARY Informatic Europe B.V. Buding SFF-2, P.O. Box 80012, 5600 BE Indhoven, The Netherlands HONG KONG Marantz Asia Ltd. Until 1705, Metroplaza III, 223 Hing Fong Road, Kwai Fong, N.T., Kowboon, Hong Kong HUNGARY Informatic Europe B.V. GELAND D. Electronics Ltd. Armula 38, 108 Reykpank, Lobalary IRAN HONG Co. Street Company HIND Hamber Company HIND Hamber Co. Street Company HIND Hamber Company HIND Ha			
FINLAND Audio Nord Udermaankatu 4-6, Helsinki SF-00120, Finland FRANCE Marantz France A division of Marantz Europe B. W. Ob. Rox 301, 92 156 Suresnes Cedex, France GERMANY Marantz Deutschland Hakenbusch 3, 49078 Osnabrück, Germany GREECE Admoc S. A. 188, Hippocratious Street, 11471 Albens, Greece HEADQUARTERS EUROPE: Marantz Europe B. W. Bulding SFF-2, P.O. Box 80002, 5600. JB Eindhoven, The Neitherlands HONG KOMS Marantz Asia Ltd. Unit 1766, Metropata 11, 223 Hing Forga Road, Kwei Fong, N.T., Kowloon, Hong Kong HUNGARY Indows Ltd. Armula 38, 108 reykgwis, Icoland NDA NOVA Audio Private B. Furnam Co-op. Society 28/30 Road#5, Union Park M UMBAI 400052, India IRIAN HONE CO. Str. Indows Ltd. Armula 38, 108 reykgwis, Icoland NOVA Morantz releand Cloresteagh, Dublin 14, Ireland Hone Co. Str. Indows Ltd. Hilfvoir B. F. 2428, Abridgin 01, Live Hebra's Stock, Kind Malaroy, India IRIAN HONE CO. Str. Indows Ltd. Hilfvoir B. F. 2428, Abridgin 01, Ivory Coast JAPAN Maratz, Japan Inc. J. Str. Sapani Othor - Chome, Sagarimate-ashi, Kanagawa 228-8505, Japan KOREA M. KEnterprises Ltd. LATVIA Ace Ltd. LEBANON AZ Electronics S.A., 1, P.O. 8x 916, Salenti, Lebanon LEBANON AZ Electronics S.A., 1, P.O. 8x 916, Salenti, Lebanon Hallandia Advance Ltd. Hill Allandia Accapella Ltd. Allandia Registration Str. Red. MALATSIA Doneo Co Ltd. Allandia Str. Red. MALATSIA Doneo Co Ltd. Allandia Str. Red. Malariz Donestic Sales Allandia Str. Red. Malariz Market Europe B.P. ASCO GmbH Malariz Market Europe B.P. ASCO GmbH Malariz Market Europe B.P. Ascon. Hill Malariz Market Europe B.P. Do. Box 1918, Revin Chains, Str. P.D. Box 1918, Revin Dol Lubilian, Nev Zealand MALTTIA Ace Ltd. LEBANON Hill Market Europe B.P. Ascon. Hill Malariz Market Eu			
FRANCE GERMANY Marantz Feutschland Hakenbusch 3, 49073 Censbrück, Germany GREECE Adamos S.A. 188. Hippocratius Street, 11471 Alhens, Greece HACOQUARTERS EUROPE: Marantz Europe B.V. HONG KNON Marantz Asia Ltd. HONG KNON Marantz Asia Ltd. HONG KNON Marantz Asia Ltd. HONG KNON ID Electronics Ltd. HONG KONG ID Electronics Ltd. HONG AND ID Electronics Ltd. HONG A Audio Private B.P. Ammund 298, 1908 Roykjavik, localard RAM HONG CO. Sthi floor no 879 Philips Building Enghelaba eve, P.O. 11365/7844 Tehran, Iran ITALY Marantz Izlapan Inc. Staff Locales 23, 2025 Moraz Milano), Italy, Servizio Consumation 1678-20026, Numero Ver IVORY COAST HINDOR MRATIZ Japan Inc. JSP 1894 Street, Kikar Hamedina, Tal Aviv, Israel HINDOR MRATIZ Japan Inc. JSP 1894 Street, Kikar Hamedina, Tal Aviv, Israel HINDOR MRATIZ Japan Inc. JSP 1894 Street, Kikar Hamedina, Tal Aviv, Israel HINDOR MRATIZ Japan Inc. JSP 1894 Street, Kikar Hamedina, Tal Aviv, Israel HINDOR MRATIZ Japan Inc. JSP 1894 Street, Kikar Hamedina, Tal Aviv, Israel HINDOR MRATIZ Japan Inc. JSP 1894 Street, Kikar Hamedina, Tal Aviv, Israel HINDOR MRATIZ JAPAN Maratz Japan Inc. JSP 1894 Street, Kikar Hamedina, Tal Aviv, Israel HINDOR MRATIZ JAPAN MRATIZ	-		
GREEGE Adamos S.A. 188, Hippocratious Street, 11471 Alhens, Greece HADQUARTERS EUROPE: Marantz Europe B.V. Building SFF-2, P.O. Dox 80002, 5600 JB Eindhoven, The Netherlands Unit 1760 Metroplaza II, 223 Hing Fong Road, Kwai Fong, N.T., Kowloon, Hong Kong HUNGARY Infovox Ltd. Terze Kt.3.1, 1056 PB Udapbest, Hungary ICELAND ID Electronics Ltd. NDMA NOVA Audio Private RAN Home Co. 5th floor no 878 Philips Building Enghelab ave, P.O. 11365/7844 Tehran, Iran RELAND Marantz Iralay Via Casani 23, 20055 Monza Millandin, Italy, Service Consumation 1678-20026, Numero Ver IVORY COAST Hiffvoir JAPAN Marantz Japan Inc. 35-1 Sagami Chon P-Chome, Sagamihara-shi, Kanagawa 228-8505, Japan KOREA MK Enterprises Ltd. 121-210, 27 Shinhan Bidgs, 247-17 Seokyc-dong, Mapo-ku, Seoul, Korea KUWAIA AlAlamian Electronics Ind. O. E. Do. 80x 1895. Salamian 2020s, Extwant LLEMON Ace Ltd. 51-1 LacPiesa Str., Riga LV 1011, Latvia MALATSIA MA			
HEADQUARTERS EUROPE: Marantz Europe B.V. Building SFF-2, P.O. Box 80002, 5600 JB Eindhoven, The Netherlands HONG KOMS Marantz Asia Ld. Unit 1708, Metropatza II, 223 Hing Fong Road, Kwai Fong, N.T., Kowloon, Hong Kong HUNGARY Infovox Ltd. Terez Kri. 31, 1067 Budapsest, Hungary Lord Marantz Infovox Ltd. Armalia 38, 108 Reykjavik, Iceland INDIA NOVA Audio Private 5, Punam Co-op, Society 29/30 Roadds, Linion Park MUMBAI 400052, India 18th America 18th Corns Res. 18th Corn of 878 Bhilips Building applied above, P.O. 11365/7844 Tehran, Iran Infovox Ltd. 52 Heh Behyar Street, Kikar Hamedina, Tel Aviv, Israel 17tALY Marantz Italy Via Casasi 23, 20052 Moraza (Milano), Italy, Servizio Consumation 1678-20026, Numero Vei Viore B. P. 2428, Abidjan 01, Ivory Coast Hiffvor B. P. 2428, Abidjan 01, Ivory Coast Marantz Italy Via Casasi 23, 20052 Moraza (Milano), Italy, Servizio Consumation 1678-2006, Numero Vei Viore Coast Marantz Italy Via Casasi 23, 20052 Moraza (Milano), Italy, Servizio Consumation 1678-2006, Numero Vei Viore Coast Marantz Italy Via Casasi 23, 20052 Moraza (Milano), Italy, Servizio Consumation 1678-2006, Numero Vei Viore B. P. 2428, Abidjan 01, Ivory Coast Marantz Italy Via Casasi 23, 20052 Moraza (Milano), Italy, Servizio Consumation 1678-2006, Numero Vei Viore B. P. 2428, Abidjan 01, Ivory Coast Marantz Marantz Italy Via Casasi 23, 20052 Moraza (Milano), Italy, Servizio Consumation 1678-2006, Numero Vei Viore B. P. 2428, Abidjan 01, Ivory Coast Marantz Develope National Activation of Park 2004, Numero Vei Viore B. 2428, Abidjan 01, Ivory Coast Marantz Develope National Activation National Nat	GERMANY	Marantz Deutschland	Hakenbusch 3, 49078 Osnabrück, Germany
HONG KONG Marantz Asia Ltd. Unit 1706, Metroplaza II, 223 Hing Fong Road, Kwai Fong, N.T., Kowloon, Hong Kong HUNGARY Infova Ltd. Terex Kr.3.1, 105P Budapest, Hungary Lexicol Marantz Ireland Closkagh, Dublin 14, Ireland Closkagh, Dublin 14, Ireland SRAEL Elmor Ltd. 52 Heb Beylar Street, Krikar Hamedina, Tel Aviv, Israel Irrael Marantz Ireland Closkagh, Dublin 14, Ireland SRAEL Elmor Ltd. 52 Heb Beylar Street, Krikar Hamedina, Tel Aviv, Israel Irrael Marantz Iraly Via Casalt 23, 2005Z Monza (Milano), Italy, Servico Consumatori 1678-20026, Numero Ver IVORY COAST Hiffvoir 52, P. 2428, Abidjan 01, Ivory Coast Hiffvoir 52, P. 2428, Abidjan 01, Ivory Coast M.K. Enterprises Ltd. 121-210, 27 Shinhan Bidg., 247-17 Seokyo-dong, Mapo-ku, Seoul, Korea KUWAIT alkalmain Electronics Intl. 121-210, 27 Shinhan Bidg., 247-17 Seokyo-dong, Mapo-ku, Seoul, Korea LEBANON AZ Electronics SA., 1, P.O. Box 8198, Salminal 22052, Lewait LEBANON AZ Electronics SA., 1, P.O. Box 8198, Salminal 22052, Lewait LEBANON AZ Electronics SA., 1, P.O. Box 1198, Salminal 22052, Lewait LATVIA Accepted Ltd. Ausros, Vartu 0/5, Pasazo SKG., 2001 Vilnius, Lithuania MALATA Doneo Co. Ltd. 78 The Strand, Silema SLMO7, Malta Malta Malta Marantz Poriessional Products Maltarky Market Europe F. PASCO GmbH PO BOX 1280, Sandhausen 69200, Germany Marantz Poriessional Products Maran		Adamco S.A.	188, Hippocratous Street, 11471 Athens, Greece
HUNGARY IDELECTORIES LID. HUNGARY IDELECTORIES LID. ARMIL 33, 108 F Budapset, Hungary Armil 38, 108 F Reykjavik, Iceland INDIA NOVA Audio Private B, Punam Co-op, Society 29/30 Roadels, Union Park MUMBAI 400052, India Home Co. Sth Horn or 87 B Philips Building Enghelab ave, Po. 11365/7844 Tehran, Iran IRELAND Marantz Ireland Clonskeagh, Dublin 14, Ireland ISRAEL Elmor Ltd. 52 Heh Belyas Tsteet, Kikar Hamedina, Tel Aviv, Israel ITALY Marantz Italy Via Casaeli 23, 20052 Monza (Milano), Italy, Servizio Consumatori 1678-2026, Numero Vei Viore Y COAST Hiffivoir B, P. 2428, Abigin of 1, Ivory Coast JAPAN Marantz Japan Inc. 35-1 Sagami Ohno 7-Chome, Sagamihara-shi, Kanagawa 228-8505, Japan KUWAIT aliAlamiha Flectronics Ind. PO, Box 8196, Salmihal 22052, Kuwait LATVIA Ace Ltd. 61, LacPlesa Str., Riga LV 1011, Latvia LEBANON AZ Electronics SA. 1, P.O. Box 8196, Salmihal 22052, Kuwait LEBANON AZ Electronics SB. Buds MALTASIA Wo Kee Hong Electronics SB. Buds MALTASIA Wo Kee Hong Electronics SB. Buds MALTAYSIA Wo Kee Hong Electronics SB. Buds MALTAYSIA Wo Kee Hong Electronics SB. Buds MALTAY BARKET EUROPP PASCO GmbH NUTLTRAY MARKET EUROPP PASCO GmbH NORWY Audio Nord STR. Electronics Sales Advision of Natantz Europe SU., Building SFEZ, P.O. Box 80002, 5600 JB Eindhoven, The Netherlann NORWY Audio Nord Sandkerveien G4, Oslo O483, Norway NORWAY Audio Nord Sandkerveien G4, Oslo O483, Norway NORWAY Audio Nord Sandkerveien G4, Oslo O483, Norway NORWAY Audio Nord Marantz Professional Products NORMAN Mustafa & Jawand Trading CO. OF Dox 1198, Sandhanas en Sozio, Germany NORWAY Audio Nord Marantz Professional Products NORMAN Mustafa & Jawand Trading CO. OF Dox 1198, Sandhanas en Sozio, Germany Norway Audio Nord Marantz Professional Products Norman Patriers W.W.L. Norman Patri			
Inches I	-		
IRDIA NOVA Audio Private 8, Punam Co-op. Society 29:30 Road#5, Union Park MUMBAI 400052, India IRRAN Home Co. 5th floor no 878 Philips Building Enghelab ave, P.O. 1165/7944 Tehran, Iran IRRALAND Marantz Ireland Clonskeagh, Dublin 14, Ireland Clonskeagh, Dublin 14, Ireland IRRALAND Iran			
IREALAND Marantz Ireland Clonskeagh, Dublin 14, Ireland SRAEL Elmor Lid. 52 Heh Belyar Street, Kilsar Hamedina, Tel Aviv, Israel Irrival Valcasati 23, 20052 Morza (Milano), Listy, Israel Valcasati 23, 20052 Morza (Milano), Listy, Servizio Consumatori 1678-20026, Numero Vei IVARY COAST Hifrori B.P. 2428, Abidjan 01, Ivory Coast JAPAN Marantz Japan Inc. 35-1 Sagamin Hono 7-Chomes, Sagaminhare-shi, Kanagawa 228-8505, Japan KOREA Mk Enterprises Ltd. 121-210, 2F Shinhan Bildig, 247-17 Seokyo-dong, Mapo-ku, Seoul, Korea Valcasati 23, 247-17 Seokyo-dong, Mapo-ku, Seoul, Korea Valcasati 24, 247-17 Seokyo-dong, Mapo-ku, Valcasati 24, 247-17 Seokyo-dong, Mapo-ku, Valcasati 24, 247-17 Seokyo-dong, Valcasati 24, 247-17 Seokyo-dong, Valcasati 24, 247-17 Seokyo-dong, Valcasati 24, 247-17 Seokyo-dong			
IRELAND Marantz Ireland Clonskeagh, Dublin 14, Ireland ISRAEL Elmor Ltd. 52 Heh Bekya Street, Kika Hamedina, Tel Aviv, Israel ITALY Marantz Italy Via Casati 23, 20052 Monza (Milano), Itally, Servizio Consumatori 1678-20026, Numero Ver IVORY COAST Hiffivoir B. P. 2428, Abdigian 01, Ivory Coast JAPAN Marantz Japan Inc. 35-1 Sagami Ohno 7-Chome, Sagamihara-shi, Kanagawa 228-8505, Japan KOREA Mk Enterprises Ltd. 121-210, 22 42-17. Seokyo-dong, Mapo-ku, Seoul, Korea Alk Enterprises Ltd. 121-210, 22 42-17. Seokyo-dong, Mapo-ku, Seoul, Korea Alkamiah Electronics Int. P.O. Box 8196, Salmiah 22052, Kuwait Ace Ltd. 61, Lac/Peas Str., Riga LV 1011, Latvia LEBANON AZ Electronics S.A. 1, P.O. Box 112 833, Beirut, Lebanon ALTAYIA Wo Kee Hong Electronics Sch. Bhd. Suite 8.1, Level B, Menara Genesis, No. 33, Jalan Sultan Ismail, 50250 Kuala Lumpur, Malaysia MALTAT Doneo Co Ltd. 78 The Strand Silema SLMO? Mata MAURITUIS SKE Electronics Ltd. P.O. Box 685, Bell Village, Port Louis, Mauritius MAURITUIS SKE Electronics Ltd. P.O. Box 685, Bell Village, Port Louis, Mauritius MILITARY MARKET EUROPP NETHERLANDS Marantz Domestic Sales Marantz Domestic Sales NEW ZEALAND Mild Scharb Scha			
ISRAEL Elmor Ltd. 52 Heh Belyar Street, Kikar Hamedina, Tel Aviv, Israel TTALY Marantz Italy Wia Casasti 23, 20052 Monze, Midianol, Italy Aviva Coasti 23, 20052 Monze, Midianol, Italy Aviva Coasti 23, 20052 Monze, Midianol, Italy Aviva Coasti 24, 20052 Monze, Midianol, Italy Aviva Coasti 24, 20052 Monze, Midianol, Italy Aviva Casasti 24, 20052 Monze, Midianol, Italy Constitution of the Marantz Japan Inc. 18 14 Marantz Japan Inc. 18 14 Japan Marantz Japan Inc. 18 15 Sagnari Ohno 7-Chome, Sagamihara-shi, Kanagawa 228-8505, Japan 18 14 Japan Japan Inc. 18 14 Japan Japan Inc. 18 15 Sagnari Ohno 7-Chome, Sagamihara-shi, Kanagawa 228-8505, Japan 18 14 Japan Japan Inc. 18 15 Sagnari Ohno 7-Chome, Sagamihara-shi, Kanagawa 228-8505, Japan 18 14 Japan Japan Inc. 18 14 Japan Japan Inc. 18 14 Japan Japan Inc. 18 15 Sagnari Japan Inc. 18 15 Sagnari Japan Inc. 18 16 Japan Japan Inc. 18 16 Japan Japan Inc. 18 17 Japan			
Marantz laby Wia Casati 23, 20052 Monza (Milano), Itally, Servizio Consumation 1678-20026, Numero Ver WORY COAST Hiffivoir B. P. 2428, Abdigan 01, Novy Coast JAPAN Marantz Japan Inc. 35-1 Sagami Ohno 7-Chome, Sagamihara-shi, Kanagawa 228-8505, Japan KOREA Mk Enterprises Ltd. 121-210, 221-251, 221-271, 232-271, 230-201, Milantz 221-271, 232-271, 2			
JAPAN Marantz Japan Inc. 35-1 Sagami Ohno 7-Chome, Sagamihara-shi, Kanagawa 228-8505, Japan KOREA Mk Enterprises Ltd. 121-210, 2F Shinhan Bidg, 247-17 Seokyo-dong, Mapo-ku, Seoul, Korea KUWAIT alAlamiah Electronics Intl. LATVIA Ace Ltd. 161 LacPless Str., Riga Lty 1011, Latvia LEBANON AZ Electronics S.A., 1, P.O. Box 1198, Salmiah 22052, Kuwait LATVIA Ace Ltd. LEBANON AZ Electronics S.A., 1, P.O. Box 11 2833, Beirut, Lebanon MALATSIA Wo Kee Hong Electronics Sdn. Bhd. MALATSIA Wo Kee Hong Electronics Sdn. Bhd. MALATSIA Wo Kee Hong Electronics Ld. MAURITIUS SKR Electronics Ld. MAURITIUS SKR Electronics Ld. MAURITIUS SKR Electronics Ld. P.O. Box 865, Bell Village, Port Louis, Mauritus MILITARY MARKET EUROPE PASCO GmbH PO BOX 1280, Sanchausen 89200, Germany NETHERLANDS Marantz Domestic Sales Advision of Marantz Europe B.V., Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland NORWAY Audio Nord Sandkerveien 64, Oslo 0483, Norway OMAN Mustafa & Jawad Trading CO. POL Box 1918, Ruwi, Oman POLAND Philips Poiska Sp. z.o.o. AJ-Jerczolimiskie 1955, 02 222 Warszawa, Poland Corel2 Corel2 Corel2 Corented Co			
JAPAN Marintz Japan Inc. 35-1 Sagami Ohno 7-Chome, Sagaminara-shi, Kanagawa 228-8505, Japan KOREA Mik Enterprises Ltd. 121-210, 25 Shinhan Bidg, 247-17 Seolyo-dong, Mapo-ku, Seoul, Korea KUWAIT alAlamish Electronics Intl. P.O. Box 8196, Salmish 22052, Kuwait alAlamish Electronics Intl. P.O. Box 8196, Salmish 22052, Kuwait ELEBANON AZ Electronics S.A. 1, P.O. Box 11 2833, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 2833, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 2833, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 2833, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 2833, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 2833, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 2833, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 2833, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 2833, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 283, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 283, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 283, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 283, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 283, Berlruf, Lebanon AZ Electronics S.A. 1, P.O. Box 11 283, Berlruf, Lebanon AZ Electronics S.A. 1, Level 8, Menara Genesis, No. 3, Jalan Sultan Ismail, 50250 Kuala Lumpur, Malaysia MALTA Dene Co. Ltd. 78 The Strand, Silema S.LMO7, Malta Mauritius Mauritiu			
KOREA MK Enterprises Ltd. 121-210, 2F Shinhan Bildg, 247-17 Seekyo-dong, Mapo-ku, Seoul, Korea KUWAIT alAlamiah Eletornoics Intl. PO, Box 8196, Salmiah 22052, Kuwait 2205			
LEBANON AZ Electronics S.A., 1, P.O. Box 11 2833, Beirut, Lebanon LITHUANIA Accapella Ltd. Ausros, Vartu G/5, Pasazo SKG., 2001 Vilnius, Lithuania MALASIA Wo Kee Hong Electronics Sdn. B.Ho. Suite 8.1, Level 8, Menara Genesis, No. 33, Jalan Sultan Ismail, 50250 Kuala Lumpur, Malaysia MALTA Doneo Co Ltd. 78 The Strand, Sliema S.LMor, Malta MAURITIUS SKR Electronics Ltd. P.O. Box 685, Bell Village, Port Louis, Mauritius MAURITIUS SKR Electronics Ltd. P.O. Box 685, Bell Village, Port Louis, Mauritius MILITARY MARKET EUROPE PASCO GmbH PO BOX 1280, Sandhausen 6920.0 Emanary NETHERLANDS Marantz Domestic Sales Advision of Marantz Europe 8 N., Building SFF2, P.O. Box 60002, 5600 JB Eindhoven, The Netherland NEW ZEALAND Wildash Audio Systems 14 Malvern Road, Mt. Albert, Auckland, New Zealand NORWAY Audio Nord Trading CO. NORWAY Audio Nord Trading CO. PORTUGAL Corel2 Corole2 Corole3 Marantz Professional Products Kingshörige House, Padbury Oaks, 5683 Bath Road, Longford, Middlesex UB7 0EH, U. PROFESSIONAL U.S.A. Marantz Professional Products Marantz Professional Products Vision + 180 Rue du Marcental Leclerc, 97400 Saint Denis, Ile de la Reunion Nova Music Entertainment Nova Music Entertainment 10 Rue du Marcental Leclerc, 97400 Saint Denis, Ile de la Reunion Nova Music Entertainment 10 Rue du Marcental Leclerc, 97400 Saint Denis, Ile de la Reunion Nova Music Entertainment 11 Rue Marcental Leclerc, 97400 Saint Denis, Ile de la Reunion Nova Music Entertainment 12 Rue Marcental Leclerc, 97400 Saint Denis, Ile de la Reunion Nova Music Entertainment 13 Rue du Marcental Leclerc, 97400 Saint Denis, Ile de la Reunion Nova Music Entertainment 14 Rue Marcental Leclerc, 97400 Saint Denis, Ile de la Reunion Nova Music Entertainment 15 Zagazulul Sir. Bl.16, apt.18, sector 1, Bucharest, Romania Nova Music Entertainment 16 Zagazulul Sir. Bl.16, apt.18, sector 1, Bucharest, Romania Nova Music Entertainment 17 Rue Music Music Music Music Music Music Music Music Music			
LEBANON A ZEIGETORIGS S.A., 1, P.O. Box 11 2833, Beirut, Lebanon LITHUANIA A Accapella Ltid Ausros, Vartu Gf.S, Pasazo SKG, 2001 Vilinius, Lithuania MALAYSIA Wo Kee Hong Electronics Sdn. Bhd. MALAYSIA Doneo Co Ltd. 78 The Strand, Sliema SLMOY, Malta MAURITUS SKR Electronics Ltd. P.O. Box 685, Bell Village, Port Louis, Mauritius MILITARY MARKET EUROPE PASCO GmbH PO BOX 1280, Sandhausen 69200, Germany NETHERLANDS Marantz Domestic Sales A division of Marantz Europe B P., Suling SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland NEW ZEALAND Wildash Audio Systems NEW ZEALAND Wildash Audio Systems 14 Malvern Road, Mt. Albert, Auckland, New Zealand NORWAY A Audio Nord Sandkerveien 84, Oslo 0483, Norway OMAN Mustafa & Jawad Trading CO. P.O. Box 1918, Ruwi, Orman POLAND Philips Polska Sp. z.o.o. Corel2 Comercio de Electrónica Lda., Av. Luis Bivar, No 85 A, 1050 Lisboa, Portugal Kingsbridge House, Padbury Oaks, 575-563 Bath Road, Longford, Middlesex UB7 0EH, U. REVINION Vision + 180 Rue du Marechal Leclerc, 97400 Saint Denis, Ile de la Reunion ROMANIA Nova Music Entertainment F.O. Box 49, Doha, Qatar RUSSIA Adwila Univ. Electr. Apl P.O. Box 2154, Alkhobar 31952, Saudi Arabia SAUDI ARBIA Adwila Univ. Electr. Apl P.O. Box 2154, Alkhobar 31952, Saudi Arabia SINGAPORE Wo Kee Hong Distribution PTE Ltd. 130 Jeo Seng Road, #103-02 University Biotary SPAIN Marantz Marie Marantz Marenta Marantz Marie Marantz Marenta Marantz Marie Marantz Marantz Marantz Marantz Marantz Marie Marantz Marantz Marantz Marantz Marantz Marantz Marantz Marantz Ma	KUWAIT	alAlamiah Electronics Intl.	P.O. Box 8196, Salmiah 22052, Kuwait
MALAYSIA Wo Kee Hong Electronics Sdn. Bhd. MALAYSIA Wo Kee Hong Electronics Sdn. Bhd. MALAYSIA Wo Kee Hong Electronics Sdn. Bhd. Malaysia MALTA Doneo Co Ltd. 78 The Strand, Silema SLM07, Malta MAURTIUS SKR Electronics Ltd. 9.0 Box 685, Bell Village, Port Louis, Mauritius MILITARY MARKET EUROPE PASCO GmbH PO BOX 1280, Sandhausen 6820, Germany MILITARY MARKET EUROPE PASCO GmbH PO BOX 1280, Sandhausen 6820, Germany METHERLANDS Marantz Domestic Sales Advision of Marantz Europe B.V., Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland Norway Audio Nord Sandkerveien 64, Oslo 0483, Norway OMAN Mustafa & Jawad Trading CO. PORTUGAL Coretz Marantz Professional Products Maran	LATVIA		
MALTA Done Co Ltd. 78 The Strand, Sliema SLM07, Malta Done Co Ltd. 78 The Strand, Sliema SLM07, Malta Done Co Ltd. 78 The Strand, Sliema SLM07, Malta Done Co Ltd. PO. Box 685, Bell Village, Port Louis, Mauritius MILITARY MARKET EUROPE PASCO GmbH Marnatz Domestic Sale. PO BOX 1280, Sandhausen 69200, Germany NETHERLANDS Marnatz Domestic Sale. PO BOX 1280, Sandhausen 69200, Germany NETHERLANDS Marnatz Domestic Sale. PO BOX 1280, Sandhausen 69200, Germany NETHERLANDS Marnatz Domestic Sale. Advision of Maratz Europe B.N. Building FF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland NEW ZEALAND Wildash Audio Systems 14 Malvern Road, Mt. Albert, Auckland, New Zealand NGRWAY Audio Nord Sandkerveien 64, Oslo 0483, Norway OMAN Mustafa & Jawad Trading CO. PO. Box 1918, Ruwi, Oman POLAND Philips Polska Sp. z.o.o. Al. Jerozolimskie 195b, 02 222 ZWerszawa, Poland PORTUGAL Corel2 Comércio de Electrónica Lda, Av. Luís Bivar, No 85 A, 1050 Lisboa, Portugal Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U. PO Box 49, Doha, Qatar REUNION Vision + 180 Rue du Marechal Leciere, 97400 Saint Denis, Ile de la Reunion ROMANIA Nova Music Entertainment 5, Zagazululi Str. Bil-Gapt 18, sector 1, Bucharest, Romania RUSSIA Absolute Audio SINGAPORE Wo Kee Hong Distribution PTE Ltd. SINGAPORE Wo Kee Hong Distribution P			
MALIRITUS SKR Electronics Ltd. P.O. Box 685, Bell Village, Port Louis, Mauritius MILITARY MARKET EUROPE PASCO GmbH PO BOX 1280, Sandhausen 69200, Germany NETHERLANDS Marantz Domestic Sales A division of Marantz Europe B.V., Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherlann NORWAY Audio Nord Mustafa & Jawad Trading CO. POL Box 1818, Ruwi, Oman POLAND Philips Polska Sp. z.o.o. Al. Jerozolimskie 195b, 02 222 Warszawa, Poland Corelz Corelz Corelz Corels Marantz Professional Products Marantz Professional Products Distributed by: Superscope Technologies linc., 1000 Corporate Blvd. Ste.D, Aurora, Illino QATAR REUNION Vision + 180 Rue du Marechal Leclerc, 97400 Saint Denis, lie de la Reunion ROMANIA Nova Music Entertainment S. Zagazului Str. Bl.1G.apt.18, sector 1, Bucharest, Romania RUSSIA Adawlia Univ. Electr. Apl P.O. Box 2154, Alkhobar 31952, Saudi Arabia SINGAPORE Wo Kee Hong Distribution PTE Ltd. SINGAPORE Wo Kee Hong Distribution PTE Ltd. PO. Box 2154, Alkhobar 31952, Saudi Arabia SINGAPORE Wo Kee Hong Distribution PTE Ltd. PO. Box 1916, Bl. Alberton, 1450, South Africa SPAIN Marantz Spriens More Rever Spriens More Rever Spriens More Rever Spriens More Rever Spriens More Music Entertainment S. Zagazului Str. Bl.1G.apt.18, sector 1, Bucharest, Romania T.Z. Montazhnaya Street, 107497 Moscow, Russia SAUDI ARABIA Adawlia Univ. Electr. Apl P.O. Box 2154, Alkhobar 31952, Saudi Arabia SINGAPORE Wo Kee Hong Distribution PTE Ltd. P.O. Box 2154, Alkhobar 31952, Saudi Arabia Marantz Spriens Marantz Meriens Marantz Mer			
MAIRTIUS SKR Electronics Ltd. P.O. Box 885, Bell Village, Port Louis, Mauritius MILITARY MARKET EUROPE PASCO GmbH Marantz Domestic Sales A division of Marantz Europe B.V., Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland New ZEALAND Wildash Audio Systems 14 Malvern Road, Mt. Albert, Auckland, New Zealand NORWAY Audio Nord Sandkerveien 64, Oslo 0483, Norway OMAN Mustafa & Jawad Trading CO. POLAND Philips Polska Sp. z.o. o. Coreiz Coreiz			
MILITARY MARKET EUROPE PASCO GmbH NETHERLANDS Marantz Domestic Sales A division of Marantz Europe B.V., Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland New ZeaLAND Wildash Audio Systems 14 Malvern Road, Mr. Albert, Auckland, New Zealand Norway Audio Nord Sandkerveien 64, Oslo 0483, Norway Sandkerveien 64, Oslo 0483, Norway			
NETHERLANDS Marantz Domestic Sales A division of Marantz Europe B.V., Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland NeW ZEALAND Wildash Audio Systems 14 Malvern Road, Mit. Alberth, Auckland, New Zealand Sandkerveien 64, Oslo 0483, Norway Audio Nord Sandkerveien 64, Oslo 0483, Norway OMAN Mustafa & Jawad Trading CO. POLAND Philips Polska Sp. z.o.o. Al. Jerozolimskie 195b, 02 222 Warszawa, Poland Coref2 Comércio de Electrónica Lda., Av. Luis Bivar, No 85 A, 1050 Lisboa, Portugal PROFESSIONAL EUROPE Marantz Professional Products Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U. PROFESSIONAL U.S.A. Marantz Professional Products Distributed by: Superscope Technologies Inc., 1000 Corporate Blvd. Ste.D, Aurora, Illino QATAR Almana & Partners W.W.L. Po. Box 49, Doha, Qatar REUNION Vision + 180 Rue du Marechal Leclerc, 97400 Saint Denis, Ile de la Reunion ROMANIA Nova Music Entertainment 5, Zagazului Str. Bl.1-Gap.11, 8, sector 1, Bucharest, Romania RUSSIA Absolute Audio 7/2, Montazhnaya Street, 107497 Moscow, Russia SAUDI ARABIA Adawlia Univ. Electr. Apl Po. Box 2154, Alkhobar 31952, Saudi Arabia SINGAPORE Wo Kee Hong Distribution PTE Ltd. 30 Joo Seng Road, #030-20 (in) trip Building, Singapore 368357 SLOVAKIA Bis Audio s.r.o. Nam. SNP 10, 96001 Zvolem, Slovakia SOUTH AFRICA Coherent Imports (PTY) Ltd. Po. Box 1614, Alberton, 1450, South Africa SPAIN Marantz Spain Marinez Villergas 2, Apartado 2065, Madrid 28027, Spain SRI LANKA The listening Room Mezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri Lanka SWEDEN Audio Nord Almedalsvagen 4, Gotenborg 402-23, Sweden SWITZERLAND Sound Company AG Postfach, 8010 Zürich, 100, Tyrus Pullifips Ticar A. S. Viller Hillips Ticaret A			
NEW ZEALAND Wildash Audio Systems NORWAY Audio Nord Sandkerveien 64, Oslo 0483, Norway Norway Audio Nord Mustafa & Jawad Trading CO. POLAND Philips Polska Sp. z.o.o. POLAND PORTUGAL Corel2 Comercio de Electrónica Lda., Av. Luís Bivar, No 85 A, 1050 Lisboa, Portugal PROFESSIONAL EUROPE Marantz Professional Products REUNION Alman & Partners WW.L. PO. Box 49, Doha, Qatar REUNION Vision + ROMANIA Nova Music Entertainment ROMANIA Nova Music Entertainment RUSSIA Absolute Audio 7/2, Montazhnaya Street, 107497 Moscow, Russia SAUDI ARABIA BIS Audio s.r.o. Nam. SNP 10, 96001 Zvolem, Slovakia SLOVENIA BIS AUdio S.r.o. Nam. SNP 10, 96001 Zvolem, Slovakia SUCHENIA SPAIN Marantz Spain Almanda Reartners Hafez Ibrahim Str. No 117, Damascus Shalan, Syria Almanda Reartners Hafez Ibrahim Str. No 117, Damascus Shalan, Syria Almanda Reartners Hafez Ibrahim Str. No 117, Densacu, Longord, Middlesex UB7 0EH, U. Distributed by: Superscope Technologies Inc., 1000 Corporate Bivd. Ste.D, Aurora, Illino Corporate Bivd. Ste.D, Aurora, Illino Nova Music Entertainment S, Zagazului Str. Bector 1, Bucharrest, Romania T/2, Montazhnaya Street, 107497 Moscow, Russia SAUDI ARABIA Adawlia Univ. Electr. Apl P.O. Box 2154, Alkhobar 31952, Saudi Arabia SINGAPORE Wo Kee Hong Distribution PTE Ltd. 130 Joo Seng Road, #03-02 Olivine Building, Singapore 368357 SLOVENIA Bis Audio s.r.o. Nam. SNP 10, 96001 Zvolem, Slovakia SLOVENIA Bofex SOUTH AFRICA Coherent Imports (PTY) Ltd. P.O. Box 1614, Alberton, 1450, South Africa PAIN Marantz Spain Marantz Spain Martinez Villergas 2, Apartado 2065, Madrid 28027, Spain SRI LANKA The listening Room Mezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri Lanka Mercel Hanzeh & Partners Hafez Ibrahim Str. No 117, Damascus Shalan, Syria AlHITI Covecolor Av. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, Tahiti TAIWAN Pai-Yuing Co. Ltd. T46-750 Marantz America Inc. T40 Appelevoad Drive Itasca, IL 60143, U.S.A. Wildiges	-		
NORMAY Audio Nord Sandkerveien 64, Oslo 0483, Norway OMAN Mustafa & Jawad Trading CO. P.O. Box 1918, Ruwi, Oman POLAND Philips Polska Sp. z.o.o. Al. Jerozolimskie 1958, 02 222 Warszawa, Poland PORTUGAL Corel2 Comércio de Electrónica Lda., Av. Luis Bivar, No. 85 A, 1050 Lisboa, Portugal PROFESSIONAL EUROPE Marantz Professional Products Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U. PROFESSIONAL U.S.A. Marantz Professional Products Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U. QATAR Almana & Partners W.W.L. P.O. Box 49, Doha, Qatar P.O. Box 49, Doha, Qatar REUNION Vision + 180 Rue du Marechal Leclerc, 97400 Saint Denis, Ile de la Reunion ROMANIA Nova Music Entertainment 5, Zagazulul Str. Bl.16, apt. 18, sector 1, Bucharest, Romania RUSSIA Absolute Audio 7/2, Montazhnaya Street, 107497 Moscow, Russia SAUDI ARABIA Adawila Univ. Electr. Apl P.O. Box 2154, Alkhobar 31952, Saudi Arabia SINGAPORE Wo Kee Hong Distribution PTE Ltd. 130 Joo Seng Road, #03-02 Olivine Building, Singapore 368357 SLOVAKIA Bis Audio s.r.o. Nam. SNP 10, 96001 Zvolem, Slovaki			
OMAN Mustafa & Jawad Trading CO. P.O. Box 1918, Ruwi, Oman POLAND Philips Polska Sp. z.o.o. Al.Jerozolimskie 195b, 02 222 Warszawa, Poland PORTUGAL Corel2 Comércio de Electrónica Lda., Av. Luís Bivar, No 85 A, 1050 Lisboa, Portugal PROFESSIONAL EUROPE Marantz Professional Products Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U. PROFESSIONAL U.S.A. Marantz Professional Products Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U. QATAR Almana & Partners W.W.L. Distributed by: Superscope Technologies Inc., 1000 Corporate Blvd. Ste.D, Aurora, Illino QATAR Almana & Partners W.W.L. P.O. Box 49, Doha, Qatar REUNION Vision + 180 Rue du Marechal Leclerc, 97400 Saint Denis, Ile de la Reunion ROMANIA Nova Music Entertainment 5, Zagazului Str. Bl.1G, apt.18, sector 1, Bucharest, Romania RUSSIA Absolute Audio 7/2, Montazhnaya Strecow, Russia SAUDI ARABIA Adawlia Univ. Electr. Apl P.O. Box 2154, Alkhobar 31952, Saudi Arabia SINGAPORE Wo Kee Hong Distribution PTE Ltd. 130 Joo Seng Road, #03-020 Clivine Building, Singapore 368357 SLOVENIA Bis Audio S.r.o. Nam. SNP 10, 96001 Zivole			
PROFESSIONAL EUROPE Marantz Professional Products Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U. PROFESSIONAL U.S.A. Marantz Professional Products Distributed by: Superscope Technologies Inc., 1000 Corporate Blvd. Ste.D, Aurora, Illino QATAR Almana & Partners W.W.L. P.O. Box 49, Doha, Qatar REUNION Vision + 180 Rue du Marechal Leclerc, 97400 Saint Denis, Ile de la Reunion ROMANIA Nova Music Entertainment S. Zagazului Str. Bi., 2gazului Str., 2gazului Str.			
PROFESSIONAL EUROPE Marantz Professional Products QATAR Almana & Partners M.W.L. P.O. Box 49, Doha, Qatar REUNION Vision + 180 Rue du Marechal Leclerc, 97400 Saint Denis, lle de la Reunion ROMANIA Nova Music Entertainment RUSSIA Absolute Audio 7/2, Montazhnaya Street, 107497 Moscow, Russia SAUDI ARABIA Adawiia Univ. Electr. Apl P.O. Box 2154, Alkhobar 31952, Saudi Arabia SINGAPORE Wo Kee Hong Distribution PTE Ltd. 130 Joo Seng Road, #03-02 Olivine Building, Singapore 368357 SLOVAKIA Bis Audio s.r.o. Nam. SNP 10, 96001 Zvolem, Slovakia SOUTH AFRICA Coherent Imports (PTY) Ltd. P.O. Box 1614, Alberton, 1450, South Africa SPAIN Marantz Spain Marantz Spain Martinez Villergas 2, Apartado 2065, Madrid 28027, Spain SRI LANKA The listening Room Mezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri Lanka SWEDEN Audio Nord Almedalsvagen 4, Gotenborg 402-23, Sweden SWITZERLAND Sound Company AG Postfach, 8010 Zürich, Switzerland SYRIA Hamzeh & Partners Hafez Ibrahim Str. No 117, Damascus Shalan, Syria TAHITI Covecolor Av. Prince Hino; Oxe de Funion sacré, P.O. Box 2334, Papeete, Tahiti TAIWAN Pai-Yuing Co. Ltd. HAMAN Pai-Yuing Co. Ltd. HAFey Türk Philips Ticaret A.S. Vukari Dudullu Organize sanayi Bolgesi, 2. Cadde no. 28, 81260 Umraniye-Istanbul, Turkey U.K. Marantz Hifi UK Ltd. Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U. U.S.A. Marantz America Inc. HOLDER BOR Advision of Marantz Europe BV, Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland EXPORT Marantz Domestic Sales	POLAND	Philips Polska Sp. z.o.o.	Al.Jerozolimskie 195b, 02 222 Warszawa, Poland
PROFESSIONAL U.S.A. Marantz Professional Products OATAR Almana & Partners W.W.L. P.O. Box 49, Doha, Qattar P.O. Box 49, Pottar P			
QATARAlmana & Partners W.W.L.P.O. Box 49, Doha, QatarREUNIONVision +180 Rue du Marechal Leclerc, 97400 Saint Denis, lle de la ReunionROMANIANova Music Entertainment5, Zagazului Str. Bl.1G,apt.18, sector 1, Bucharest, RomaniaRUSSIAAbsolute Audio7/2, Montazhnaya Street, 107497 Moscow, RussiaSAUDI ARABIAAdawlia Univ. Electr. AplP.O. Box 2154, Alkhobar 31952, Saudi ArabiaSINGAPOREWo Kee Hong Distribution PTE Ltd.130 Joo Seng Road, #03-02 Olivine Building, Singapore 368357SLOVAKIABis Audio s.r.o.Nam. SNP 10, 96001 Zvolem, SlovakiaSLOVENIABofexSmartinska 152, HALA V/3, 61000 Ljubljana, SloveniaSOUTH AFRICACoherent Imports (PTY) Ltd.P.O. Box 1614, Alberton, 1450, South AfricaSPAINMarantz SpainMartine Villergas 2, Apartado 2065, Madrid 28027, SpainSRI LANKAThe listening RoomMezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri LankaSWEDENAudio NordAlmedalsvagen 4, Gotenborg 402-23, SwedenSYRIAHamzeh & PartnersHafez Ibrahim Str. No 117, Damascus Shalan, SyriaTAHITICovecolorAv. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, TahitiTAIWANPai-Yuing Co. Ltd.6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.THAILANDMRZ Standard Co. Ltd.746-750 Mahachai Road, Wangburapa, Bangkok 10200, ThailandTUNESIASociete EDEVIG40, Avenue du Golfe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2. Cadde no.28, 81260 Umraniye			
REUNION Vision + 180 Rue du Marechal Leclerc, 97400 Saint Denis, Ile de la Reunion ROMANIA Nova Music Entertainment 5, Zagazului Str. Bi. IG, apt. 18, sector 1, Bucharest, Romania RUSSIA Absolute Audio 7/2, Montazhnaya Street, 107497 Moscow, Russia SAUDI ARABIA Adawlia Univ. Electr. Apl P.O. Box 2154, Alkhobar 31952, Saudi Arabia SINGAPORE Wo Kee Hong Distribution PTE Ltd. 130 Joo Seng Road, #03-02 Olivine Building, Singapore 368357 SLOVAKIA Bis Audio s.r.o. Nam. SNP 10, 96001 Zvolem, Slovakia SLOVENIA Bofex Smartinska 152, HALA V/3, 61000 Ljubljana, Slovenia SOUTH AFRICA Coherent Imports (PTY) Ltd. P.O. Box 1614, Alberton, 1450, South Africa SPAIN Marantz Spain Martinez Villergas 2, Apartado 2065, Madrid 28027, Spain SRI LANKA The listening Room Mezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri Lanka SWEDEN Audio Nord Almedalsvagen 4, Gotenborg 402-23, Sweden SWITZERLAND Sound Company AG Postfach, 8010 Zürich, Switzerland SYRIA Hamzeh & Partners Hafez Ibrahim Str. No 117, Damascus Shalan, Syria TAHITI Covecolor Av. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, Tahiti TAIWAN Pai-Yuing Co. Ltd. 6th No 148 Sung Kilang Road, Taipei 10429, Taiwan R.O.C. THAILAND MRZ Standard Co. Ltd. 746-750 Mahachai Road, Wangburapa, Bangkok 10200, Thailand TUNESIA Societe EDEVIG 40, Avenue du Golfe Arabe, El Menzah, 1004, Tunesia TURKEY Türk Philips Ticaret A.S. Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, Turkey U.K. Marantz Hiff UK Ltd. Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U. U.S.A. Marantz America Inc. 1100 Maplewood Drive Itasca, IL 60143, U.S.A. YUGOSLAVIA ITM Company Omladinskih Brigada 86, 11070 Belgrade, Yugoslavia EXPORT Marantz Domestic Sales			
ROMANIANova Music Entertainment5, Zagazului Str. Bl.1G,apt.18, sector 1, Bucharest, RomaniaRUSSIAAbsolute Audio7/2, Montazhnaya Street, 107497 Moscow, RussiaSAUDI ARABIAAdawlia Univ. Electr. AplP.O. Box 2154, Alkhobar 31952, Saudi ArabiaSINGAPOREWo Kee Hong Distribution PTE Ltd.130 Joo Song Road, #03-02 Olivine Building, Singapore 368357SLOVAKIABis Audio s.r.o.Nam. SNP 10, 96001 Zvolem, SlovakiaSLOVENIABofexSmartinska 152, HALA V/3, 61000 Ljubljana, SloveniaSOUTH AFRICACoherent Imports (PTY) Ltd.P.O. Box 1614, Alberton, 1450, South AfricaSPAINMarantz SpainMartinez Villergas 2, Apartado 2065, Madrid 28027, SpainSRI LANKAThe listening RoomMezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri LankaSWEDENAudio NordAlmedalsvagen 4, Gotenborg 402-23, SwedenSWITZERLANDSound Company AGPostfach, 8010 Zürich, SwitzerlandSYRIAHamzeh & PartnersHafez Ibrahim Str. No 117, Damascus Shalan, SyriaTAHITICovecolorAv. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, TahitiTAIWANPai-Yuing Co. Ltd.6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.THAILANDMRZ Standard Co. Ltd.746-750 Mahachai Road, Wangburapa, Bangkok 10200, ThailandTUNESIASociete EDEVIG40, Avenue du Golfe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, TurkeyU.S.A.Marantz America Inc.1100 Maplewood Drive Itasca,			P.U. BOX 49, Dona, Qatar
RUSSIA Absolute Audio 7/2, Montazhnaya Street, 107497 Moscow, Russia SAUDI ARABIA Adawiia Univ. Electr. Apl P.O. Box 2154, Alkhobar 31952, Saudi Arabia SINGAPORE Wo Kee Hong Distribution PTE Ltd. 130 Joo Seng Road, #03-02 Olivine Building, Singapore 368357 SLOVAKIA Bis Audio s.r.o. Nam. SNP 10, 96001 Zvolem, Slovakia SLOVENIA Bofex Smartinska 152, HALA V/3, 61000 Ljubljana, Slovenia SOUTH AFRICA Coherent Imports (PTY) Ltd. P.O. Box 1614, Alberton, 1450, South Africa SPAIN Marantz Spain Martinez Villergas 2, Apartado 2065, Madrid 28027, Spain SRI LANKA The listening Room Mezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri Lanka SWEDEN Audio Nord Almedalsvagen 4, Gotenborg 402-23, Sweden SWITZERLAND Sound Company AG Postfach, 8010 Zürich, Switzerland SYRIA Hamzeh & Partners Hafez Ibrahim Str. No 117, Damascus Shalan, Syria TAHITI Covecolor Av. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, Tahiti TAIWAN Pai-Yuing Co. Ltd. 6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C. THAILAND MRZ Standard Co. Ltd. 746-750 Mahachai Road, Wangburapa, Bangkok 10200, Thailand TUNESIA Societe EDEVIG 40, Avenue du Golfe Arabe, El Menzah, 1004, Tunesia TURKEY Türk Philips Ticaret A.S. Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, Turkey U.S.A. Marantz Hiff UK Ltd. Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U. U.S.A. Warantz America Inc. 1100 Maplewood Drive Itasca, IL 60143, U.S.A. YUGOSLAVIA ITM Company Omladinskih Brigada 86, 11070 Belgrade, Yugoslavia EXPORT			
SAUDI ARABIAAdawlia Univ. Electr. AplP.O. Box 2154, Alkhobar 31952, Saudi ArabiaSINGAPOREWo Kee Hong Distribution PTE Ltd.130 Joo Seng Road, #03-02 Olivine Building, Singapore 368357SLOVAKIABis Audio s.r.o.Nam. SNP 10, 96001 Zvolem, SlovakiaSLOVENIABofexSmartinska 152, HALA V/3, 61000 Ljubljana, SloveniaSOUTH AFRICACoherent Imports (PTY) Ltd.P.O. Box 1614, Alberton, 1450, South AfricaSPAINMarantz SpainMartinez Villergas 2, Apartado 2065, Madrid 28027, SpainSRI LANKAThe listening RoomMezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri LankaSWEDENAudio NordAlmedalsvagen 4, Gotenborg 402-23, SwedenSWITZERLANDSound Company AGPostfach, 8010 Zürich, SwitzerlandSYRIAHamzeh & PartnersHafez Ibrahim Str. No 117, Damascus Shalan, SyriaTAHITICovecolorAv. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, TahitiTAIWANPai-Yuing Co. Ltd.6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.THAILANDMRZ Standard Co. Ltd.746-750 Mahachai Road, Wangburapa, Bangkok 10200, ThailandTUNESIASociete EDEVIG40, Avenue du Golfe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, TurkeyU.S.A.Marantz America Inc.1100 Maplewood Drive Itasca, IL 60143, U.S.A.YUGOSLAVIAITM CompanyOmladinskih Brigada 86, 11070 Belgrade, YugoslaviaEXPORTMarantz Domestic SalesA division of Marantz Europe BV,Building S	-		
SINGAPOREWo Kee Hong Distribution PTE Ltd.130 Joo Seng Road, #03-02 Olivine Building, Singapore 368357SLOVAKIABis Audio s.r.o.Nam. SNP 10, 96001 Zvolem, SlovakiaSLOVENIABofexSmartinska 152, HALA V/3, 61000 Ljubljana, SloveniaSOUTH AFRICACoherent Imports (PTY) Ltd.P.O. Box 1614, Alberton, 1450, South AfricaSPAINMarantz SpainMartinez Villergas 2, Apartado 2065, Madrid 28027, SpainSRI LANKAThe listening RoomMezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri LankaSWEDENAudio NordAlmedalsvagen 4, Gotenborg 402-23, SwedenSWITZERLANDSound Company AGPostfach, 8010 Zürich, SwitzerlandSYRIAHamzeh & PartnersHafez Ibrahim Str. No 117, Damascus Shalan, SyriaTAHITICovecolorAv. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, TahitiTAIWANPai-Yuing Co. Ltd.6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.THAILANDMRZ Standard Co. Ltd.746-750 Mahachai Road, Wangburapa, Bangkok 10200, ThailandTUNESIASociete EDEVIG40, Avenue du Golfe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, TurkeyU.S.A.Marantz Hiff UK Ltd.Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.U.S.A.Marantz America Inc.1100 Maplewood Drive Itasca, IL 60143, U.S.A.YUGOSLAVIAITM CompanyOmladinskih Brigada 86, 11070 Belgrade, YugoslaviaEXPORTMarantz Domestic SalesA division of			
SLOVAKIABis Audio s.r.o.Nam. SNP 10, 96001 Zvolem, SlovakiaSLOVENIABofexSmartinska 152, HALA V/3, 61000 Ljubijana, SloveniaSOUTH AFRICACoherent Imports (PTY) Ltd.P.O. Box 1614, Alberton, 1450, South AfricaSPAINMarantz SpainMartinez Villergas 2, Apartado 2065, Madrid 28027, SpainSRI LANKAThe listening RoomMezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri LankaSWEDENAudio NordAlmedalsvagen 4, Gotenborg 402-23, SwedenSWITZERLANDSound Company AGPostfach, 8010 Zürich, SwitzerlandSYRIAHamzeh & PartnersHafez Ibrahim Str. No 117, Damascus Shalan, SyriaTAHITICovecolorAv. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, TahitiTAIWANPai-Yuing Co. Ltd.6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.THAILANDMRZ Standard Co. Ltd.746-750 Mahachai Road, Wangburapa, Bangkok 10200, ThailandTUNESIASociete EDEVIG40, Avenue du Golfe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, TurkeyU.S.A.Marantz Hiff UK Ltd.Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.U.S.A.Marantz America Inc.1100 Maplewood Drive Itasca, IL 60143, U.S.A.YUGOSLAVIAITM CompanyOmladinskih Brigada 86, 11070 Belgrade, YugoslaviaEXPORTMarantz Domestic SalesA division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			130 Joo Seng Road, #03-02 Olivine Building, Singapore 368357
SOUTH AFRICACoherent Imports (PTY) Ltd.P.O. Box 1614, Alberton, 1450, South AfricaSPAINMarantz SpainMartinez Villergas 2, Apartado 2065, Madrid 28027, SpainSRI LANKAThe listening RoomMezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri LankaSWEDENAudio NordAlmedalsvagen 4, Gotenborg 402-23, SwedenSWITZERLANDSound Company AGPostfach, 8010 Zürich, SwitzerlandSYRIAHamzeh & PartnersHafez Ibrahim Str. No 117, Damascus Shalan, SyriaTAHITICovecolorAv. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, TahitiTAIWANPai-Yuing Co. Ltd.6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.THAILANDMRZ Standard Co. Ltd.746-750 Mahachai Road, Wangburapa, Bangkok 10200, ThailandTUNESIASociete EDEVIG40, Avenue du Golfe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, TurkeyU.K.Marantz Hiff UK Ltd.Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.U.S.A.Marantz America Inc.1100 Maplewood Drive Itasca, IL 60143, U.S.A.YUGOSLAVIAITM CompanyOmladinskih Brigada 86, 11070 Belgrade, YugoslaviaEXPORTMarantz Domestic SalesA division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			Nam. SNP 10, 96001 Zvolem, Slovakia
SPAINMarantz SpainMartinez Villergas 2, Apartado 2065, Madrid 28027, SpainSRI LANKAThe listening RoomMezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri LankaSWEDENAudio NordAlmedalsvagen 4, Gotenborg 402-23, SwedenSWITZERLANDSound Company AGPostfach, 8010 Zürich, SwitzerlandSYRIAHamzeh & PartnersHafez Ibrahim Str. No 117, Damascus Shalan, SyriaTAHITICovecolorAv. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, TahitiTAIWANPai-Yuing Co. Ltd.6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.THAILANDMRZ Standard Co. Ltd.746-750 Mahachai Road, Wangburapa, Bangkok 10200, ThailandTUNESIASociete EDEVIG40, Avenue du Golfe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, TurkeyU.K.Marantz Hiff UK Ltd.Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.U.S.A.Marantz America Inc.1100 Maplewood Drive Itasca, IL 60143, U.S.A.YUGOSLAVIAITM CompanyOmladinskih Brigada 86, 11070 Belgrade, YugoslaviaEXPORTMarantz Domestic SalesA division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			
SRI LANKAThe listening RoomMezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri LankaSWEDENAudio NordAlmedalsvagen 4, Gotenborg 402-23, SwedenSWITZERLANDSound Company AGPostfach, 8010 Zürich, SwitzerlandSYRIAHamzeh & PartnersHafez Ibrahim Str. No 117, Damascus Shalan, SyriaTAHITICovecolorAv. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, TahitiTAIWANPai-Yuing Co. Ltd.6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.THAILANDMRZ Standard Co. Ltd.746-750 Mahachai Road, Wangburapa, Bangkok 10200, ThailandTUNESIASociete EDEVIG40, Avenue du Golfe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2. Cadde no.28, 81260 Umraniye-Istanbul, TurkeyU.K.Marantz Hifi UK Ltd.Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.U.S.A.Marantz America Inc.1100 Maplewood Drive Itasca, IL 60143, U.S.A.YUGOSLAVIAITM CompanyOmladinskih Brigada 86, 11070 Belgrade, YugoslaviaEXPORTMarantz Domestic SalesA division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland	-		
SWEDENAudio NordAlmedalsvagen 4, Gotenborg 402-23, SwedenSWITZERLANDSound Company AGPostfach, 8010 Zürich, SwitzerlandSYRIAHamzeh & PartnersHafez Ibrahim Str. No 117, Damascus Shalan, SyriaTAHITICovecolorAv. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, TahitiTAIWANPai-Yuing Co. Ltd.6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.THAILANDMRZ Standard Co. Ltd.746-750 Mahachai Road, Wangburapa, Bangkok 10200, ThailandTUNESIASociete EDEVIG40, Avenue du Golfe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, TurkeyU.K.Marantz Hifi UK Ltd.Kingsbride House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.U.S.A.Marantz America Inc.1100 Maplewood Drive Itasca, IL 60143, U.S.A.YUGOSLAVIAITM CompanyOmladinskih Brigada 86, 11070 Belgrade, YugoslaviaEXPORTMarantz Domestic SalesA division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			
SWITZERLAND Sound Company AG Postfach, 8010 Zürich, Switzerland SYRIA Hamzeh & Partners Hafez Ibrahim Str. No 117, Damascus Shalan, Syria TAHITI Covecolor Av. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, Tahiti TAIWAN Pai-Yuing Co. Ltd. 6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C. THAILAND MRZ Standard Co. Ltd. 746-750 Mahachai Road, Wangburapa, Bangkok 10200, Thailand TUNESIA Societe EDEVIG 40, Avenue du Golfe Arabe, El Menzah, 1004, Tunesia TURKEY Türk Philips Ticaret A.S. Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, Turkey U.K. Marantz Hifi UK Ltd. Kingsbriige House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U. U.S.A. Marantz America Inc. 1100 Maplewood Drive Itasca, IL 60143, U.S.A. YUGOSLAVIA ITM Company Omladinskih Brigada 86, 11070 Belgrade, Yugoslavia EXPORT Marantz Domestic Sales A division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			
SYRIA Hamzeh & Partners Hafez Ibrahim Str. No 117, Damascus Shalan, Syria TAHITI Covecolor Av. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, Tahiti TAIWAN Pai-Yuing Co. Ltd. 6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C. THAILAND MRZ Standard Co. Ltd. 746-750 Mahachai Road, Wangburapa, Bangkok 10200, Thailand TUNESIA Societe EDEVIG 40, Avenue du Golfe Arabe, El Menzah, 1004, Tunesia TURKEY Türk Philips Ticaret A.S. Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, Turkey U.K. Marantz Hifi UK Ltd. Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U. U.S.A. Marantz America Inc. 1100 Maplewood Drive Itasca, IL 60143, U.S.A. YUGOSLAVIA ITM Company Omladinskih Brigada 86, 11070 Belgrade, Yugoslavia EXPORT Marantz Domestic Sales A division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			
TAHITICovecolorAv. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, TahitiTAIWANPai-Yuing Co. Ltd.6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.THAILANDMRZ Standard Co. Ltd.746-750 Mahachai Road, Wangburapa, Bangkok 10200, ThailandTUNESIASociete EDEVIG40, Avenue du Golfe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, TurkeyU.K.Marantz Hifi UK Ltd.Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.U.S.A.Marantz America Inc.1100 Maplewood Drive Itasca, IL 60143, U.S.A.YUGOSLAVIAITM CompanyOmladinskih Brigada 86, 11070 Belgrade, YugoslaviaEXPORTMarantz Domestic SalesA division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			
TAIWANPai-Yuing Co. Ltd.6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.THAILANDMRZ Standard Co. Ltd.746-750 Mahachai Road, Wangburapa, Bangkok 10200, ThailandTUNESIASociete EDEVIG40, Avenue du Goffe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2. Cadde no.28, 81260 Umraniye-Istanbul, TurkeyU.K.Marantz Hifi UK Ltd.Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.U.S.A.Marantz America Inc.1100 Maplewood Drive Itasca, IL 60143, U.S.A.YUGOSLAVIAITM CompanyOmladinskih Brigada 86, 11070 Belgrade, YugoslaviaEXPORTMarantz Domestic SalesA division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			
THAILANDMRZ Standard Co. Ltd.746-750 Mahachai Road, Wangburapa, Bangkok 10200, ThailandTUNESIASociete EDEVIG40, Avenue du Golfe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, TurkeyU.K.Marantz Hifi UK Ltd.Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.U.S.A.Marantz America Inc.1100 Maplewood Drive Itasca, IL 60143, U.S.A.YUGOSLAVIAITM CompanyOmladinskih Brigada 86, 11070 Belgrade, YugoslaviaEXPORTMarantz Domestic SalesA division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			
TUNESIASociete EDEVIG40, Avenue du Golfe Arabe, El Menzah, 1004, TunesiaTURKEYTürk Philips Ticaret A.S.Yukari Dudullu Organize sanayi Bolgesi, 2.Cadde no.28, 81260 Umraniye-Istanbul, TurkeyU.K.Marantz Hifi UK Ltd.Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.U.S.A.Marantz America Inc.1100 Maplewood Drive Itasca, IL 60143, U.S.A.YUGOSLAVIAITM CompanyOmladinskih Brigada 86, 11070 Belgrade, YugoslaviaEXPORTMarantz Domestic SalesA division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			
U.K.Marantz Hifi UK Ltd.Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.U.S.A.Marantz America Inc.1100 Maplewood Drive Itasca, IL 60143, U.S.A.YUGOSLAVIAITM CompanyOmladinskih Brigada 86, 11070 Belgrade, YugoslaviaEXPORTMarantz Domestic SalesA division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			
U.S.A. Marantz America Inc. 1100 Maplewood Drive Itasca, IL 60143, U.S.A. YUGOSLAVIA ITM Company Omladinskih Brigada 86, 11070 Belgrade, Yugoslavia EXPORT Marantz Domestic Sales A division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			
YUGOSLAVIA ITM Company Omladinskih Brigada 86, 11070 Belgrade, Yugoslavia EXPORT Marantz Domestic Sales A division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.K.
EXPORT Marantz Domestic Sales A division of Marantz Europe BV,Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland			
www.marantz.com		iviarantz Domestic Sales	A division of Marantz Europe BV, Building SFF2, P.O. Box 80002, 5600 JB Eindhoven, The Netherlands
	www.marantz.com		

is a registered trademark.



P/NO: 3834RS0023R Printed in Korea